Secondary Vocational Education Statistics

1986-87

Pennsylvania Department of Education 1988

Secondary Vocational Education Statistics

1986-87

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HIGHLIGHTS

The 1986-87 data indicates:

* 168,535 students were enrolled in secondary vocational education programs; a decrease of 12,951 students or 7.1 percent from 1985-86.

* 105,566 or 62.6 percent of all secondary vocational education students attended a vocational education program operated by a high school, while another 60,667 or 36.0 percent attended a vocational education program operated by an area vocational-technical school (AVTS); the remaining 2,302 or 1.4 percent attended a program operated by either an intermediate unit or a state correctional institution.

* 94,001 or 55.8 percent of the secondary vocational education students were female; 74,534 or 44.2 percent were male.

* 40,774 students completed a secondary occupational vocational education program.

* 4,266 secondary vocational programs were offered in 692 institutions: 2,596 programs were offered in 586 high schools; 1,610 programs in 85 AVTSs; 34 programs in 7 state correctional institutions; and 26 programs in 14 intermediate units.

* 15,896 handicapped students and 50,323 disadvantaged students (including 1,287 limited English proficient students) were served by secondary vocational education.

* that 44.1 percent of the 42,749 completers of 1985-86 approved secondary vocational education programs responded to the follow-up survey; of those responding, 89.2 percent were gainfully placed (employed, military service, and pursuing additional education).

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INTRODUCTION

"Secondary Vocational Education Statistics, 1986-87" is one in a series of publications containing statistical summaries related to basic education, higher education, and vocational education in Pennsylvania. The data contained in this publication reflects current year figures as well as trends on a variety of selected topics. In many instances, more detailed data is available.

Requests for more detailed data and questions or comments about the data should be addressed to the Pennsylvania Department of Education, Division of Data Services, 333 Market Street, Harrisburg, PA 17126-0333 (phone 717-787-2644).

Sources: Vocational Secondary Students Aggregate Enrollment Report (PDE-4051)
Special Federally Funded Handicapped and Disadvantaged Vocational Students Aggregate Enrollment Report (PDE-4046-B)
Secondary Vocational Student Follow-up (PDE-4519)
Vocational Education Professional Personnel (Secondary Level) (PDE-5023)

TABLE 1

SECONDARY VOCATIONAL EDUCATION ENROLLMENTS BY PROGRAM FIELD
1977-78 THROUGH 1986-87

	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
SECONDARY TOTAL	259 914	261 362	258 913	251 849	242 920	233 242	216 910	197 996	181 486	168 535
Agriculture Education	16 377	15 637	14 723	13 825	13 435	12 728	11 718	11 122	10 267	9 443
Business Education	65 552	64 811	63 261	61 110	59 695	61 146	56 198	50 322	45 108	39 966
Health Occupations Education	5 321	5 317	5 078	5 151	4 912	4 866	5 168	5 081	4 557	4 210
Marketing and Distributive Education	11 372	10 853	10 424	9 694	9 128	8 856	7 684	7 071	6 263	5 809
Occupational Home Economics Education	7 906	7 538	7 043	7 637	7 342	10 032	9 845	9 002	8 419	7 502
Technical Education	10 746	10 290	9 592	9 708	9 184	8 827	8 539	7 766	7 477	-
Trade and Industrial Education	73 522	76 540	77 462	76 718	73 569	59 859	55 972	51 803	47 371	50 822
Not Elsewhere Classified	-	1 833	6 827	4 986	5 090	12 200	11 088	10 983	5 686	5 476
Consumer and Homemaking Education	69 118	68 543	64 511	63 828	60 573	54 728	50 698	44 846	46 338	45 307

A new program coding system entitled "A Classification of Instructional Programs" (CIP) was developed at the national level and was implemented in Pennsylvania in 1982-83. As a result of this new coding system, some programs are now included in different program fields. Several programs that were in trade and industrial education prior to 1982-83 are now in occupational home economics education or not elsewhere classified.

As of 1986-87, the technical education program field is included in the trade and industrial education program field.

FIGURE 1
SECONDARY VOCATIONAL EDUCATION ENROLLMENTS
1977-78 THROUGH 1986-87

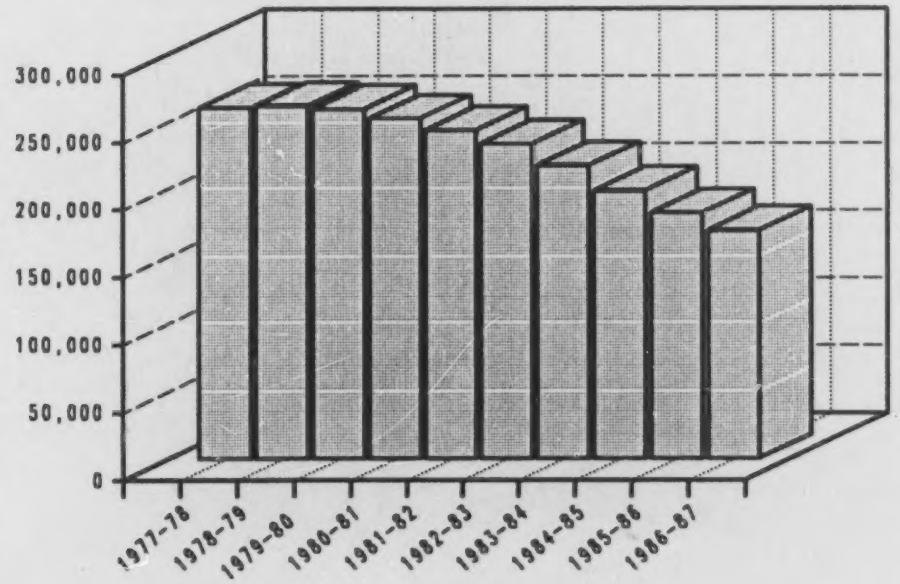

FIGURE 2
COMPARISON OF RATE OF CHANGE OF PUBLIC SCHOOL ENROLLMENTS
WITH OCCUPATIONAL EDUCATION ENROLLMENTS
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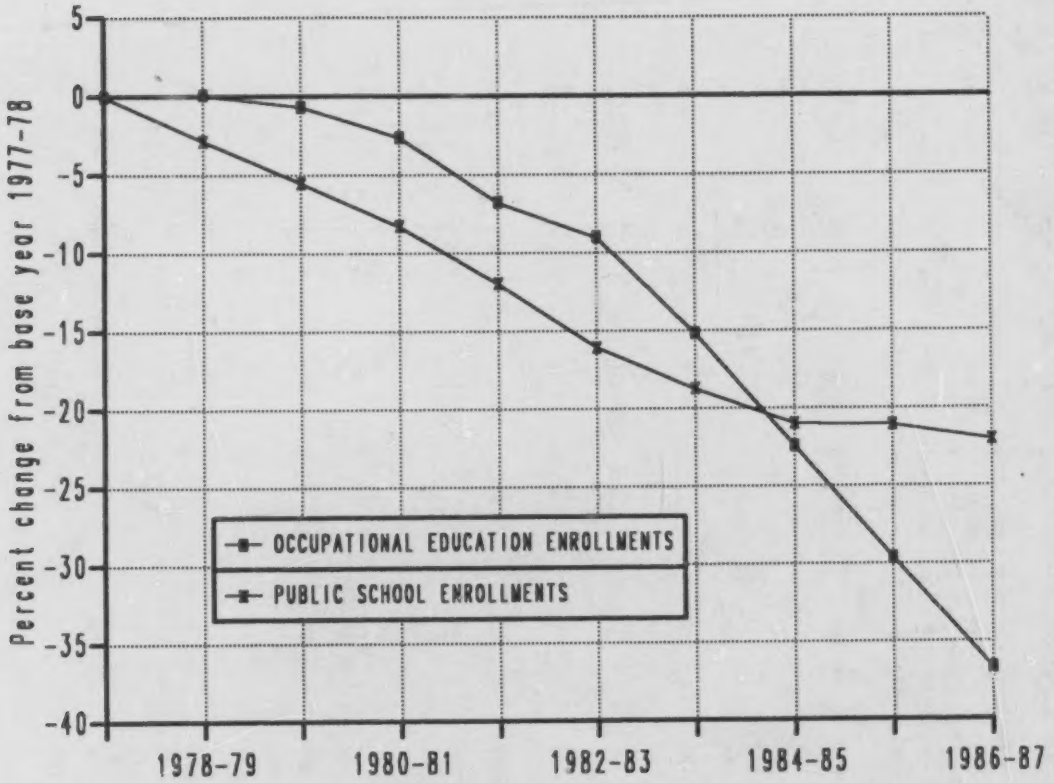


NOTE: Occupational education enrollments do not include Consumer and Homemaking Education.

TABLE 2

SECONDARY VOCATIONAL EDUCATION ENROLLMENTS AND COMPLETERS BY GRADE BY PROGRAM, 1986-87

	Total Enrollments	Grade 9	Grade 10	Grade 11	Grade 12	Ungraded	Incarcerated Juveniles	Completers
SECONDARY TOTAL	168 535	13 686	37 005	53 403	60 233	2 848	1 360	40 774
Agriculture Education	9 443	2 320	2 483	2 385	2 183	72	0	2 005
Agricultural mechanics	1 160	234	351	304	271	0	0	244
Agricultural production	6 215	1 994	1 613	1 384	1 218	6	0	1 131
Agricultural products	71	0	7	38	26	0	0	26
Agricultural resources	95	9	6	36	44	0	0	37
Agricultural services & supplies	67	0	4	34	29	0	0	29
Agricultural technology	33	0	14	7	12	0	0	10
Agriculture, other	97	0	5	47	45	0	0	45
Forestry production/processing	235	58	46	75	56	0	0	47
Horticulture	1 393	20	420	445	462	46	0	413
Lumbering	40	0	12	10	16	2	0	18
Multi-skill agriculture	37	5	5	5	4	18	0	5
Business Education	39 966	325	7 058	15 474	16 817	292	0	15 357
Accounting	12 427	68	1 549	5 373	5 400	37	0	4 707
Business data processing	1 573	28	363	585	546	51	0	532
Business education, other	38	1	18	6	13	0	0	8
Clerk-typist	32	12	11	5	4	0	0	9
General office	14 955	128	4 022	4 387	6 247	171	0	5 764
Multi-skill business	73	14	14	23	22	0	0	23
Secretarial, general	10 868	74	1 081	5 095	4 585	33	0	4 314
Health Occupations Education	4 210	4	802	1 643	1 613	148	0	1 564
Clinical lab assisting	143	0	39	51	52	1	0	38
Dental assisting	355	0	61	120	165	9	0	159
Dental lab technology	76	1	7	29	39	0	0	20
Health assisting	2 316	1	393	970	891	61	0	884
Health related technology	198	0	54	38	72	34	0	81
Home health aide	122	0	10	55	55	2	0	40
Medical assisting	302	2	88	109	101	2	0	93
Microbiology technology	25	0	0	13	12	0	0	12
Nursing assisting	673	0	150	258	226	39	0	237

TABLE 2

SECONDARY VOCATIONAL EDUCATION ENROLLMENTS AND COMPLETERS BY GRADE BY PROGRAM, 1986-87--Continued

	Total Enrollments	Grade 9	Grade 10	Grade 11	Grade 12	Ungraded	Incarcerated Juveniles	Completers
Marketing & Distributive Education	5 809	97	843	2 151	2 595	123	0	2 277
Marketing & distribution	5 192	95	765	1 974	2 337	21	0	2 046
Marketing hotel/motel services	33	0	5	12	15	1	0	15
Multi-skill marketing & distrib educ	15	2	2	4	4	3	0	1
Passenger transportation marketing	45	0	0	0	45	0	0	40
Warehouse services marketing	524	0	71	161	194	98	0	175
Occupational Home Economics Education	7 502	175	1 906	2 595	2 356	347	123	1 905
Baking	374	0	83	147	130	14	0	112
Child care services	857	23	254	335	242	3	0	177
Clothing/textiles mgmnt/production	575	37	151	203	183	1	0	137
Custodial services	175	1	20	27	23	74	30	23
Dietetic aide/assisting	7	0	0	6	1	0	0	0
Dressmaking	26	0	25	1	0	0	0	0
Food production, mgmnt, & services	4 789	90	1 181	1 695	1 623	151	49	1 312
Institution/home management services	91	10	8	32	27	14	0	23
Interior design	39	0	21	7	11	0	0	10
Multi-skill home economics	25	6	6	2	2	9	0	4
Occupational home economics, other	95	0	21	15	15	0	44	10
Power sewing	220	0	53	63	53	51	0	51
Tailoring	229	8	83	62	46	30	0	46
Trade & Industrial Education	50 822	776	13 288	18 367	16 222	1 010	1 159	14 914
Aircraft mechanics	44	0	0	32	12	0	0	11
Appliance repair	367	0	116	132	113	6	0	99
Architectural design technology	140	0	59	55	26	0	0	25
Audio-visual communications	243	26	65	83	66	3	0	66
Auto diesel mechanic	260	0	70	87	103	0	0	78
Automotive body repair	3 471	61	854	1 383	1 078	62	33	961
Automotive mechanics	5 567	69	1 601	1 993	1 644	75	185	1 522
Automotive occupations	194	5	56	47	55	31	0	49
Automotive specialist	421	13	117	153	137	1	0	122
Building & property maintenance	58	2	1	2	1	0	52	3
Building construction occupations	962	87	232	280	250	7	6	220
Building trades maintenance	1 602	41	438	577	472	74	0	439

TABLE 2

SECONDARY VOCATIONAL EDUCATION ENROLLMENTS AND COMPLETERS BY GRADE BY PROGRAM, 1986-87--Continued

	Total Enrollments	Grade 9	Grade 10	Grade 11	Grade 12	Ungraded	Incarcerated Juveniles	Completers
Trade & Industrial Education--Continued								
Business machine repair	1	0	1	0	0	0	0	0
Carpentry	4 106	48	967	1 495	1 336	56	204	1 219
Chemical technology	42	0	1	17	24	0	0	24
Civil technology	46	0	3	22	21	0	0	19
Commercial art	1 543	0	413	559	525	46	0	474
Commercial photography	34	0	11	17	6	0	0	5
Communication electronics	653	11	202	255	183	2	0	172
Computer & information sciences	2 334	2	409	958	894	71	0	874
Computer servicing technology	107	0	24	48	35	0	0	24
Cosmetology	5 891	6	1 557	2 254	1 962	66	46	1 800
Diesel engine mechanics	739	0	200	268	261	10	0	254
Drafting	1 185	6	421	392	354	12	0	334
Drafting & design technology	184	0	40	64	80	0	0	67
Dryclean/launder services	118	3	3	30	27	55	0	12
Electrical occupations	1 022	23	347	340	300	12	0	277
Electrical technology	464	8	191	159	102	4	0	100
Electrical, construction/maintenance	1 037	3	208	408	394	12	12	363
Electrical, industrial	349	0	56	139	143	11	0	137
Electromechanical technology	221	0	60	88	70	3	0	68
Electronic technology	1 974	9	542	679	732	12	0	654
Electronics	344	10	67	106	68	3	90	70
Engineering related technology	47	0	2	34	11	0	0	10
Environment control technology	93	0	27	30	29	7	0	23
Foundry work	26	0	8	9	9	0	0	5
Graphic arts	1 564	20	417	552	494	46	35	436
Graphics occupations	154	0	29	48	51	26	0	46
Heating	172	0	38	56	67	11	0	65
Heating, air cond, refrigeration	679	3	151	285	227	13	0	208
Heavy equipment maintenance/repair	205	0	53	82	69	1	0	64
Hydraulics/fluid power	4	0	4	0	0	0	0	0
Instrumentation maintenance/repair	21	0	0	12	9	0	0	9
Law enforcement	68	0	5	32	31	0	0	30
Lineworker	45	0	0	24	21	0	0	20
Machine shop	2 580	31	742	897	883	27	0	841
Masonry	1 507	7	373	613	489	15	10	435
Masonry occupations	55	0	0	27	24	4	0	28

TABLE 2

SECONDARY VOCATIONAL EDUCATION ENROLLMENTS AND COMPLETERS BY GRADE BY PROGRAM, 1986-87--Continued

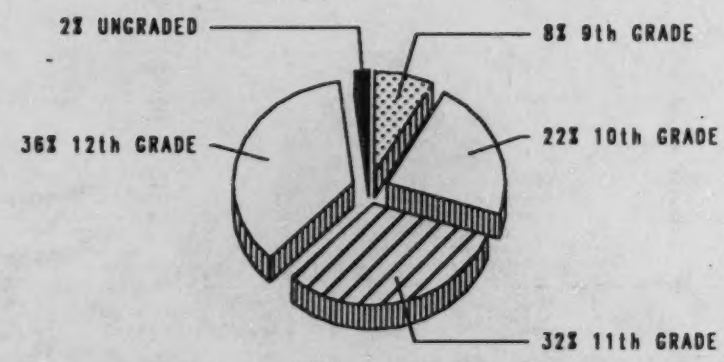
	Total Enrollments	Grade 9	Grade 10	Grade 11	Grade 12	Ungraded	Incarcerated Juveniles	Completers
Trade & Industrial Education--Concluded								
Meatcutting	64	0	1	29	33	1	0	29
Mechanical drafting/design technology	820	17	193	294	310	6	0	282
Mechanical drafting	70	0	14	32	24	0	0	24
Metal fabrication	200	0	55	63	77	5	0	75
Metallurgical technology	22	0	0	10	12	0	0	12
Metalworking occupations	95	0	39	40	16	0	0	15
Millwork & cabinet making	959	5	330	290	302	32	0	281
Mine equipment maintenance	31	0	13	9	9	0	0	8
Multi-skill trade & industrial	324	113	112	27	26	46	0	16
Optical technology	14	0	5	4	5	0	0	5
Painting and decorating	240	2	62	88	82	6	0	73
Patternmaking	13	0	0	6	6	1	0	6
Petroleum technology	56	0	13	21	22	0	0	22
Photo engraving	20	0	7	3	5	5	0	5
Plumbing	972	10	259	364	311	20	8	281
Power mechanics occupations	101	0	30	31	34	6	0	34
Printing press operations	49	0	17	18	13	1	0	13
Security services	24	0	13	7	4	0	0	4
Sheet metal	323	15	105	106	85	12	0	74
Shoe and boot repair	90	33	28	19	10	0	0	10
Silk screen printing	10	10	0	0	0	0	0	0
Small engine repair	607	14	135	160	140	26	132	138
Tool & die design technology	35	0	0	19	16	0	0	16
Tool and die making	98	0	11	49	38	0	0	38
Typesetting & composition	11	0	0	8	3	0	0	3
Upholstering	217	24	63	76	54	0	0	49
Vending machine repair	24	0	5	8	3	8	0	3
Welding	2 209	39	497	763	694	51	165	636
Woodworking, general	181	0	0	0	0	0	181	0
Not Elsewhere Classified	5 476	293	937	703	2 830	635	78	2 752
Diversified occupations	3 076	12	25	436	2 574	29	0	2 467
Vocational education, other	2 400	281	912	267	256	606	78	285

TABLE 2

SECONDARY VOCATIONAL EDUCATION ENROLLMENTS AND COMPLETERS BY GRADE BY PROGRAM, 1986-87--Concluded

	Total Enrollments	Grade 9	Grade 10	Grade 11	Grade 12	Ungraded	Incarcerated Juveniles	Completers
Consumer and Homemaking Education	45 307	9 696	9 688	10 085	15 617	221	0	0
Child development	32	1	3	11	17	0	0	0
Clothing and textiles	124	32	21	36	35	0	0	0
Comprehensive home economics	45 045	9 663	9 642	9 999	15 520	221	0	0
Food and nutrition	106	0	22	39	45	0	0	0

FIGURE 3
SECONDARY VOCATIONAL EDUCATION ENROLLMENTS BY GRADE
1986-87



NOTE: Incarcerated juveniles are included in ungraded.

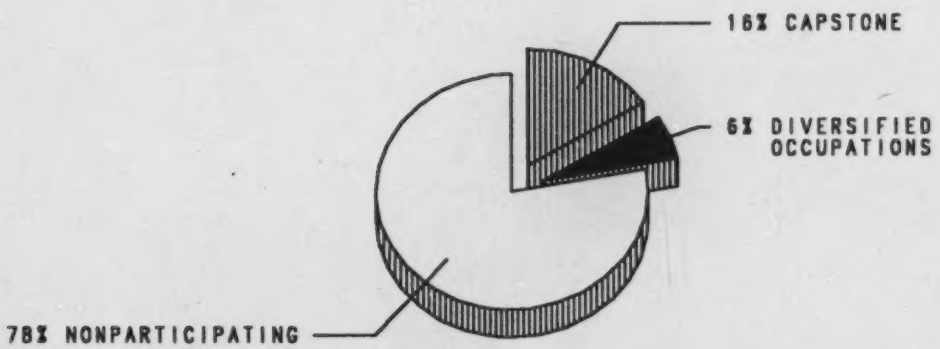
TABLE 3

SECONDARY VOCATIONAL EDUCATION
TWELFTH GRADE OCCUPATIONAL AND COOPERATIVE EDUCATION ENROLLMENTS
BY PROGRAM FIELD, 1986-87

	Total Occupational Enrollments	Cooperative Education	Percentage
TWELFTH GRADE TOTAL	44 616	9 714	21.8
Agriculture Education	2 183	252	11.5
Business Education	16 817	1 247	7.4
Health Occupations Education	1 613	245	15.2
Marketing and Distributive Education	2 595	1 605	61.8
Occupational Home Economics Education	2 356	546	23.2
Trade and Industrial Education	16 222	3 228	19.9
Diversified Occupations	2 574	2 574	100.0
Not Elsewhere Classified	256	17	6.6

NOTE: Occupational education enrollments do not include consumer and homemaking education.

FIGURE 4
SECONDARY COOPERATIVE EDUCATION AS A PERCENT
OF OCCUPATIONAL ENROLLMENTS
1986-87



Twelfth Grade Students

TABLE 4

SECONDARY VOCATIONAL EDUCATION ENROLLMENTS AND COMPLETERS BY GRADE BY COUNTY, 1986-87

	Total Enrollments	Grade 9	Grade 10	Grade 11	Grade 12	Ungraded	Incarcerated Juveniles	Completers
SECONDARY TOTAL	168 535	13 686	37 005	53 403	60 233	2 848	1 360	40 774
Adams	1 036	165	192	303	365	11	0	241
Allegheny	18 364	1 805	2 974	6 050	7 292	243	0	4 097
Armstrong	1 381	84	200	503	594	0	0	426
Beaver	3 404	287	480	1 210	1 409	18	0	809
Bedford	1 025	84	263	351	310	17	0	184
Berks	4 952	440	1 327	1 517	1 615	53	0	1 228
Blair	3 288	164	962	1 028	1 108	26	0	817
Bradford	1 408	214	346	414	428	6	0	296
Bucks	6 129	303	1 205	1 756	2 227	208	430	1 581
Butler	2 138	155	231	766	986	0	0	599
Cambria	3 330	133	668	1 212	1 283	34	0	925
Cameron	110	47	14	23	26	0	0	14
Carbon	1 220	126	211	354	393	0	136	229
Centre	1 205	109	318	371	389	18	0	324
Chester	2 549	185	528	923	892	21	0	758
Clarion	1 166	141	296	367	362	0	0	255
Clearfield	1 629	71	177	668	713	0	0	489
Clinton	527	0	53	194	280	0	0	119
Columbia	1 390	62	390	493	445	0	0	329
Crawford	1 719	294	331	474	616	4	0	398
Cumberland	3 030	241	765	986	1 022	16	0	623
Dauphin	3 338	444	849	984	1 061	0	0	715
Delaware	5 059	264	935	1 800	2 036	24	0	1 045
Elk	411	76	78	110	147	0	0	36
Erie	4 562	483	1 046	1 180	1 764	89	0	993
Fayette	3 417	426	871	1 045	1 061	14	0	690
Forest	87	12	27	22	26	0	0	14
Franklin	2 196	168	481	738	809	0	0	642
Fulton	491	116	155	105	115	0	0	85
Greene	838	60	246	234	290	8	0	151
Huntingdon	1 173	82	282	368	351	21	69	292
Indiana	1 669	159	475	483	543	9	0	382
Jefferson	1 291	194	265	386	383	63	0	301

TABLE 4

SECONDARY VOCATIONAL EDUCATION ENROLLMENTS AND COMPLETERS BY GRADE BY COUNTY, 1986-87--Concluded

	Total Enrollments	Grade 9	Grade 10	Grade 11	Grade 12	Ungraded	Incarcerated Juveniles	Completers
Juniata	456	34	130	166	126	0	0	103
Lackawanna	2 215	220	227	816	900	52	0	619
Lancaster	4 508	514	757	1 089	1 811	337	0	1 186
Lawrence	2 169	170	438	599	621	0	341	388
Lebanon	1 674	233	264	594	556	27	0	479
Lehigh	4 098	153	1 040	1 418	1 380	107	0	1 003
Luzerne	5 400	606	1 369	1 566	1 833	26	0	1 183
Lycoming	1 676	180	206	589	694	7	0	463
McKean	1 347	13	334	487	501	12	0	299
Mercer	2 042	287	405	546	748	56	0	474
Mifflin	889	45	160	292	392	0	0	199
Monroe	1 251	78	299	342	532	0	0	287
Montgomery	4 995	273	1 024	1 585	2 101	12	0	1 490
Montour	290	0	27	74	148	0	41	28
Northampton	3 763	288	803	1 224	1 277	130	41	833
Northumberland	1 545	59	357	476	616	37	0	459
Perry	922	108	152	221	139	0	302	107
Philadelphia	20 320	1 100	6 197	6 196	5 838	989	0	5 240
Pike	166	1	47	54	64	0	0	39
Potter	438	80	95	136	127	0	0	64
Schuylkill	2 317	118	624	777	798	0	0	636
Snyder	504	116	140	148	100	0	0	89
Somerset	1 666	160	444	506	545	11	0	440
Sullivan	66	20	14	12	20	0	0	11
Susquehanna	822	79	228	199	270	46	0	200
Tioga	894	130	247	312	205	0	0	130
Union	617	70	79	108	360	0	0	307
Venango	1 017	14	72	413	469	49	0	361
Warren	751	26	152	316	257	0	0	179
Washington	3 022	308	662	1 065	987	0	0	617
Wayne	498	33	113	153	199	0	0	137
Westmoreland	6 226	243	1 332	2 124	2 480	47	0	1 436
Wyoming	431	54	92	106	179	0	0	146
York	4 008	279	834	1 276	1 619	0	0	1 055

TABLE 5

SECONDARY VOCATIONAL EDUCATION ENROLLMENTS BY PROGRAM FIELD AND SEX BY COUNTY, 1986-87

	Total		Agriculture Education		Business Education		Health Occupations Education		Marketing & Distributive Education		Occupational Home Economics Education		Trade & Industrial Education		Not Elsewhere Classified		Consumer and Homemaking Education	
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male
SECONDARY TOTAL	94 001	74 534	2 077	7 366	32 145	7 821	3 971	239	3 754	2 055	5 082	2 420	10 511	40 311	2 195	3 281	34 266	11 041
Adams	597	439	25	252	219	36	21	0	33	25	0	0	0	0	37	80	262	46
Allegheny	11 099	7 265	37	21	2 803	764	462	68	888	621	871	622	1 120	3 276	201	211	4 717	1 682
Armstrong	866	515	7	70	376	65	30	0	38	1	24	2	103	280	0	0	288	97
Beaver	2 158	1 246	25	43	606	147	29	1	226	180	71	22	169	445	0	0	1 032	408
Bedford	603	422	18	108	303	52	23	3	0	0	14	0	48	214	8	16	189	29
Berks	2 695	2 257	74	186	750	206	142	3	0	0	223	52	427	1 541	121	187	958	82
Blair	1 784	1 504	36	305	565	81	66	1	116	36	275	25	215	997	2	4	509	55
Bradford	845	563	19	232	291	37	22	0	0	0	74	8	49	211	22	39	368	36
Bucks	3 126	3 003	80	29	1 221	206	107	0	27	8	130	148	430	2 144	139	165	992	303
Butler	1 242	896	15	96	346	24	96	1	29	18	36	8	156	479	36	48	528	222
Cambria	1 892	1 438	59	72	706	177	124	11	99	6	86	16	164	941	0	0	654	215
Cameron	81	29	0	0	27	0	0	0	0	0	0	0	0	0	0	2	54	27
Carbon	609	611	0	0	225	69	27	0	0	0	61	41	75	374	0	0	221	127
Centre	635	570	49	117	255	23	15	0	0	0	50	4	111	381	33	25	122	20
Chester	1 409	1 140	55	151	596	107	38	1	126	101	51	22	164	585	28	33	351	140
Clarion	699	467	3	126	232	24	52	1	62	14	44	3	45	245	6	7	255	47
Clearfield	951	678	5	98	418	79	19	0	65	4	37	2	79	293	36	19	292	183
Clinton	303	224	20	27	135	28	0	0	0	0	0	0	0	83	0	0	148	86
Columbia	708	682	36	158	232	82	44	1	60	25	38	3	120	365	0	0	178	48
Crawford	978	741	43	75	234	29	32	1	29	3	17	5	107	391	13	17	503	220
Cumberland	1 870	1 160	48	146	542	116	101	0	19	45	30	16	197	681	30	31	903	125
Dauphin	1 871	1 467	37	123	736	153	38	0	72	8	24	12	227	774	83	71	654	326
Delaware	2 988	2 071	5	5	995	302	153	27	47	66	184	78	387	1 170	71	99	1 146	324
Elk	308	103	8	57	128	12	0	0	0	0	0	0	0	0	0	0	172	34
Erie	2 526	2 036	63	240	638	92	153	7	0	0	96	45	337	1 111	12	7	1 227	534
Fayette	1 989	1 428	27	65	562	181	98	2	29	3	94	36	303	783	29	33	847	325
Forest	68	19	0	0	35	4	0	0	0	0	0	0	0	0	0	0	33	15
Franklin	1 094	1 102	77	231	436	91	48	0	57	14	90	13	133	694	3	8	250	51
Fulton	264	227	9	204	117	14	0	0	0	0	7	4	0	0	0	0	131	5
Greene	481	357	20	64	119	14	27	0	31	1	35	1	48	230	0	0	201	47
Huntingdon	495	678	38	180	186	77	11	1	66	17	17	3	45	340	8	19	124	41
Indiana	893	776	41	259	377	28	28	1	50	2	32	4	48	340	13	30	304	112
Jefferson	625	666	0	76	171	8	0	0	32	3	36	5	129	336	0	0	257	238

TABLE 5

SECONDARY VOCATIONAL EDUCATION ENROLLMENTS BY PROGRAM FIELD AND SEX BY COUNTY, 1986-87--Concluded

	Total		Agriculture Education		Business Education		Health Occupations Education		Marketing & Distributive Education		Occupational Home Economics Education		Trade & Industrial Education		Not Elsewhere Classified		Consumer and Homemaking Education	
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male
Juniata	234	222	10	109	170	40	0	0	0	0	0	0	0	73	0	0	54	0
Lackawanna	1 282	933	21	5	447	84	25	2	0	0	70	22	137	585	11	16	571	219
Lancaster	2 460	2 048	92	596	700	121	49	3	6	0	29	18	170	545	247	445	1 167	320
Lawrence	1 096	1 073	9	112	385	60	48	0	70	4	57	45	215	641	3	73	309	138
Lebanon	901	773	70	159	299	28	29	1	26	19	70	18	79	398	67	102	261	48
Lehigh	2 204	1 894	45	15	706	220	90	0	37	38	58	22	288	890	279	506	701	203
Luzerne	2 907	2 493	22	81	1 237	494	99	3	128	76	183	32	292	1 452	27	58	919	297
Lycoming	1 019	657	16	73	324	97	22	0	0	0	43	6	121	364	16	28	477	89
Mckean	667	680	2	193	199	22	107	0	37	5	9	7	51	357	13	17	249	79
Mercer	1 073	969	17	98	259	27	33	2	101	31	16	51	103	543	8	8	536	209
Mifflin	502	387	9	22	197	39	0	0	15	0	46	15	53	252	0	0	182	59
Monroe	696	555	25	9	164	35	35	0	39	11	7	9	91	313	27	34	308	144
Montgomery	2 752	2 243	7	15	883	234	106	2	74	60	64	116	488	1 394	90	166	1 040	256
Montour	139	151	10	25	46	19	0	0	0	0	0	0	0	41	0	0	83	66
Northampton	2 103	1 660	77	43	471	88	93	0	105	56	197	64	404	1 240	11	14	745	155
Northumberland	803	742	0	49	339	100	20	0	0	0	55	28	79	404	57	90	253	71
Perry	398	524	3	88	227	118	0	0	0	0	0	40	0	260	0	2	168	16
Philadelphia	10 383	9 937	354	428	4 240	1 544	695	84	538	385	839	558	1 270	5 972	75	86	2 372	880
Pike	84	82	0	0	30	18	12	0	0	0	14	11	0	52	0	0	28	1
Potter	236	202	17	123	90	26	0	0	0	0	0	0	0	0	0	0	129	53
Schuylkill	1 227	1 090	28	96	642	183	60	1	34	5	34	17	163	702	8	10	258	76
Snyder	288	216	16	164	153	46	0	0	0	0	0	0	0	0	0	0	119	6
Somerset	896	770	36	269	462	44	34	0	21	2	50	3	78	376	1	5	214	71
Sullivan	41	25	0	0	12	3	0	0	0	0	0	0	0	0	0	0	29	22
Susquehanna	546	276	0	0	220	66	16	2	0	0	20	9	70	104	5	10	215	85
Tioga	536	358	35	185	260	76	0	0	0	0	12	1	0	0	0	0	229	96
Union	300	317	9	95	125	35	37	0	0	0	14	0	63	169	0	0	52	18
Venango	623	394	0	0	240	37	23	0	41	1	24	12	130	296	0	0	165	48
Warren	434	317	8	22	167	20	12	0	42	15	25	8	17	208	0	0	163	44
Washington	1 791	1 231	17	104	679	144	74	3	30	2	56	15	149	648	22	107	764	208
Wayne	312	186	0	0	175	55	0	0	9	3	14	11	0	74	5	8	109	35
Westmoreland	3 616	2 610	88	97	1 208	201	110	5	170	105	89	33	359	1 495	25	69	1 567	605
Wyoming	207	224	4	135	93	23	0	0	0	0	0	0	0	37	36	28	74	1
York	2 493	1 515	51	140	714	146	136	1	30	36	240	49	205	722	231	248	886	173

TABLE 6

SECONDARY VOCATIONAL EDUCATION ENROLLMENTS BY RACE BY COUNTY, 1986-87

	Total	American Indian or Alaskan Native	Asian or Pacific Islander	Black, Not of Hispanic Origin	Hispanic	White, Not of Hispanic Origin
SECONDARY TOTAL	168 535	124	609	25 504	3 283	139 015
Adams	1 036	0	1	10	7	1 018
Allegheny	18 364	14	34	4 650	26	13 640
Armstrong	1 381	0	1	14	0	1 366
Beaver	3 404	24	8	357	7	3 008
Bedford	1 025	0	0	2	1	1 022
Berks	4 952	0	20	244	373	4 315
Blair	3 288	0	0	34	4	3 250
Bradford	1 408	0	1	4	1	1 402
Bucks	6 129	5	40	710	136	5 238
Butler	2 138	0	1	6	0	2 131
Cambria	3 330	0	3	111	6	3 210
Cameron	110	0	0	0	2	108
Carbon	1 220	0	4	67	25	1 124
Centre	1 205	1	1	0	0	1 203
Chester	2 549	1	10	410	103	2 025
Clarion	1 166	0	0	0	0	1 166
Clearfield	1 629	1	0	1	0	1 627
Clinton	527	0	0	0	0	527
Columbia	1 390	0	2	2	1	1 385
Crawford	1 719	5	1	32	4	1 677
Cumberland	3 030	1	10	25	1	2 993
Dauphin	3 338	5	37	1 221	113	1 962
Delaware	5 059	3	12	1 113	35	3 896
Elk	411	0	0	0	0	411
Erie	4 562	3	15	420	40	4 084
Fayette	3 417	1	6	184	0	3 226
Forest	87	0	0	0	0	87
Franklin	2 196	4	0	37	5	2 150
Fulton	491	0	1	11	0	479
Greene	838	0	1	6	0	831
Huntingdon	1 173	0	0	28	6	1 139
Indiana	1 669	0	4	9	0	1 656
Jefferson	1 291	0	0	0	0	1 291

TABLE 6

SECONDARY VOCATIONAL EDUCATION ENROLLMENTS BY RACE BY COUNTY, 1986-87--Concluded

	Total	American Indian or Alaskan Native	Asian or Pacific Islander	Black, Not of Hispanic Origin	Hispanic	White, Not of Hispanic Origin
Juniata	456	0	1	0	0	455
Lackawanna	2 215	2	9	15	2	2 187
Lancaster	4 508	2	49	216	252	3 989
Lawrence	2 169	2	4	317	17	1 829
Lebanon	1 674	0	11	5	45	1 613
Lehigh	4 098	3	23	102	205	3 765
Luzerne	5 400	0	3	52	2	5 343
Lycoming	1 676	0	0	19	0	1 657
Mckean	1 347	3	0	5	1	1 338
Mercer	2 042	2	3	223	5	1 809
Mifflin	889	0	0	0	0	889
Monroe	1 251	1	5	22	5	1 218
Montgomery	4 995	6	50	760	63	4 116
Montour	290	0	0	19	4	267
Northampton	3 763	7	10	141	230	3 375
Northumberland	1 545	1	3	4	0	1 537
Perry	922	0	2	142	54	724
Philadelphia	20 320	17	182	13 148	1 411	5 562
Pike	166	0	0	3	3	160
Potter	438	0	0	2	0	436
Schuylkill	2 317	0	3	10	4	2 300
Snyder	504	0	2	0	1	501
Somerset	1 666	0	3	0	2	1 661
Sullivan	66	0	0	0	0	66
Susquehanna	822	0	1	2	0	819
Tioga	894	1	0	5	0	888
Union	617	0	3	2	0	612
Venango	1 017	0	1	2	0	1 014
Warren	751	5	0	0	0	746
Washington	3 022	0	1	149	8	2 864
Wayne	498	1	0	3	2	492
Westmoreland	6 226	3	5	120	9	6 089
Wyoming	431	0	1	2	0	428
York	4 008	0	21	306	62	3 619

FIGURE 5
PUBLIC SECONDARY ENROLLMENTS BY RACE
VOCATIONAL VS NON-VOCATIONAL
GRADES 10 THROUGH 12
1986-87

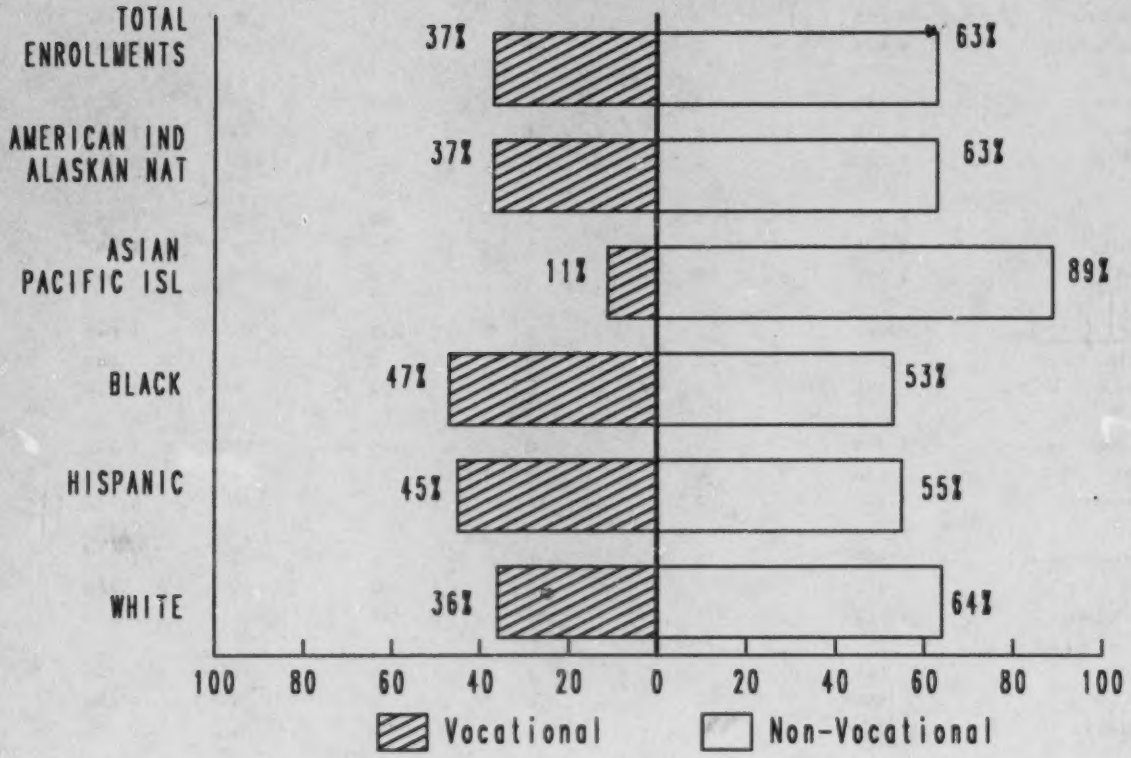


TABLE 7

SECONDARY VOCATIONAL EDUCATION ENROLLMENTS BY PROGRAM FIELD BY AVTS, 1986-87

	Total	Agriculture Education	Business Education	Health Occupations Education	Marketing & Distributive Education	Occupational Home Economics Education	Trade & Industrial Education	Not Elsewhere Classified
AVTS TOTAL	60 667	2 215	3 787	3 474	2 452	4 772	42 070	1 897
A P Randolph Skills Ctr	992	0	0	102	53	128	650	59
A M Beattie AVTS	941	0	20	143	69	74	590	45
Admiral Peary AVTS	709	101	0	33	66	32	477	0
Altoona AVTS	1 453	13	13	67	120	183	1 057	0
Alvin Swanson Skills Ctr	1 903	28	285	146	38	174	1 154	78
Beaver County AVTS	820	18	45	30	37	76	614	0
Bedford-Everett AVTS	263	0	81	13	0	0	169	0
Berks County AVTS-East	901	4	0	77	0	64	600	156
Berks County AVTS-West	677	0	0	41	0	83	553	0
Bethlehem AVTS	1 358	69	0	61	0	189	1 039	0
Bradford County AVTS	320	0	0	22	0	38	260	0
Bucks County AVTS	1 325	34	0	75	35	160	1 021	0
Butler County AVTS	759	8	0	97	0	44	610	0
C Montgomery Co AVTS	701	0	74	37	0	39	503	48
C Westmoreland Co AVTS	1 414	69	35	43	98	54	1 087	28
Carbon County AVTS	480	0	38	27	0	63	352	0
Central Chester Co AVTS	576	27	0	21	0	63	465	0
Centre County AVTS	532	0	0	15	0	54	463	0
Clarion County AVTS	466	0	0	53	76	47	290	0
Clearfield County AVTS	520	0	0	19	69	39	372	21
Columbia-Montour AVTS	659	39	0	45	49	41	485	0
Crawford County AVTS	646	31	0	33	32	22	498	30
Cumberland-Perry AVTS	950	34	41	101	34	46	694	0
Dauphin County AVTS	705	39	0	38	47	36	545	0
Delwre Co AVTS-Aston	228	0	0	0	15	20	193	0
Delwre Co AVTS-Folcroft	673	10	0	44	0	84	497	38
Delwre Co AVTS-Marple	832	0	52	100	0	87	545	48
E Montgomery Co AVTS	516	8	52	19	0	47	390	0
E Northampton Co AVTS	751	32	0	32	51	72	564	0
E Westmoreland Co AVTS	572	0	0	41	44	43	443	1
Edward Bok AVTS	970	0	191	84	64	152	479	0
Erie County AVTS	878	30	0	31	0	65	752	0
Fayette County AVTS	761	59	32	50	0	52	568	0

TABLE 7

SECONDARY VOCATIONAL EDUCATION ENROLLMENTS BY PROGRAM FIELD BY AVTS, 1986-87--Continued

	Total	Agriculture Education	Business Education	Health Occupations Education	Marketing & Distributive Education	Occupational Home Economics Education	Trade & Industrial Education	Not Elsewhere Classified
Forbes Road East AVTS	853	0	47	82	37	66	621	0
Franklin County AVTS	1 197	57	91	48	71	103	827	0
Greater Johnstown AVTS	864	30	158	102	39	70	465	0
Greene County AVTS	373	0	0	27	32	36	278	0
Hazleton AVTS	804	10	78	66	57	66	514	13
Hbg-Stlton-Highspr AVTS	894	0	350	0	33	0	436	75
Huntingdon County AVTS	435	45	0	12	36	20	309	13
Indiana County AVTS	505	0	0	29	52	36	388	0
Jeffersn Co-Dubois AVTS	599	40	18	0	35	41	465	0
Jules E Mastbaum AVTS	1 279	0	451	0	40	112	676	0
Juniata-Mifflin Co AVTS	412	31	0	0	15	61	305	0
Keystone Central AVTS	293	47	163	0	0	0	83	0
Lackawna Co AVTS-Dande	578	0	39	27	0	72	413	27
Lackawna Co AVTS-Hensky	303	26	0	0	0	20	257	0
Lanc Co AVTS-Brownstown	199	7	23	22	0	14	133	0
Lanc Co AVTS-Mt Joy	181	11	10	17	0	9	134	0
Lanc Co AVTS-Hillow St	533	19	23	13	6	24	448	0
Lawrence County AVTS	860	0	45	48	74	58	635	0
Lebanon County AVTS	847	55	0	30	45	88	477	152
Lehigh County AVTS	2 268	60	0	90	75	80	1 178	785
Lenape AVTS	493	15	0	30	39	26	383	0
Mckeesport AVTS	367	0	72	24	41	15	215	0
Mercer County AVTS	548	0	0	35	65	32	414	2
Middle Bucks Co AVTS	662	14	0	17	0	60	571	0
Mon Valley AVTS	555	0	0	51	0	36	468	0
Monroe County AVTS	600	34	0	35	50	16	404	61
Murrell Dobbins AVTS	1 488	0	480	67	0	91	850	0
N Westmoreland Co AVTS	383	0	0	31	25	25	285	17
North Fayette Co AVTS	609	33	0	50	32	49	445	0
North Montco AVTS	686	0	0	12	0	74	600	0
Northrn Chester Co AVTS	402	28	66	18	20	10	260	0
Northumberland Co AVTS	417	0	0	20	0	42	344	11
Parkway West AVTS	917	0	57	52	135	64	609	0
Reading-Muhlenberg AVTS	1 056	45	0	27	0	121	815	48
Schuylkll Co AVTS-North	553	0	0	61	39	22	431	0
Schuylkll Co AVTS-South	527	34	30	0	0	29	434	0

TABLE 7

SECONDARY VOCATIONAL EDUCATION ENROLLMENTS BY PROGRAM FIELD BY AVTS, 1986-87--Concluded

	Total	Agriculture Education	Business Education	Health Occupations Education	Marketing & Distributive Education	Occupational Home Economics Education	Trade & Industrial Education	Not Elsewhere Classified
Seneca Highlands AVTS	315	0	30	34	0	0	221	30
Somerset County AVTS	650	58	22	34	23	53	454	6
Steel Center AVTS	657	0	28	55	56	42	476	0
SUN AVTS	283	0	0	37	0	14	232	0
Susquehanna Co AVTS	306	0	85	18	0	29	174	0
Technical Memorial AVTS	1 010	0	109	129	0	76	696	0
Upper Bucks Co AVTS	651	61	0	15	0	58	484	33
Venango County AVTS	527	0	0	23	42	36	426	0
W B Saul HS of Ag Sc	648	648	0	0	0	0	0	0
W Montgomery Co AVTS	209	14	0	13	0	20	162	0
Warren County AVTS	532	30	175	12	57	33	225	0
West Side AVTS	715	0	97	0	25	89	477	27
Western AVTS	458	0	36	26	32	35	329	0
Wilkes-Barre AVTS	1 073	27	45	36	107	60	753	45
Williamsport Area C C	605	49	0	22	0	49	485	0
York County AVTS	1 237	34	0	137	20	119	927	0

FIGURE 6
DISTRIBUTION OF SECONDARY AVTSs
BY NUMBER OF ENROLLMENTS
1986-87

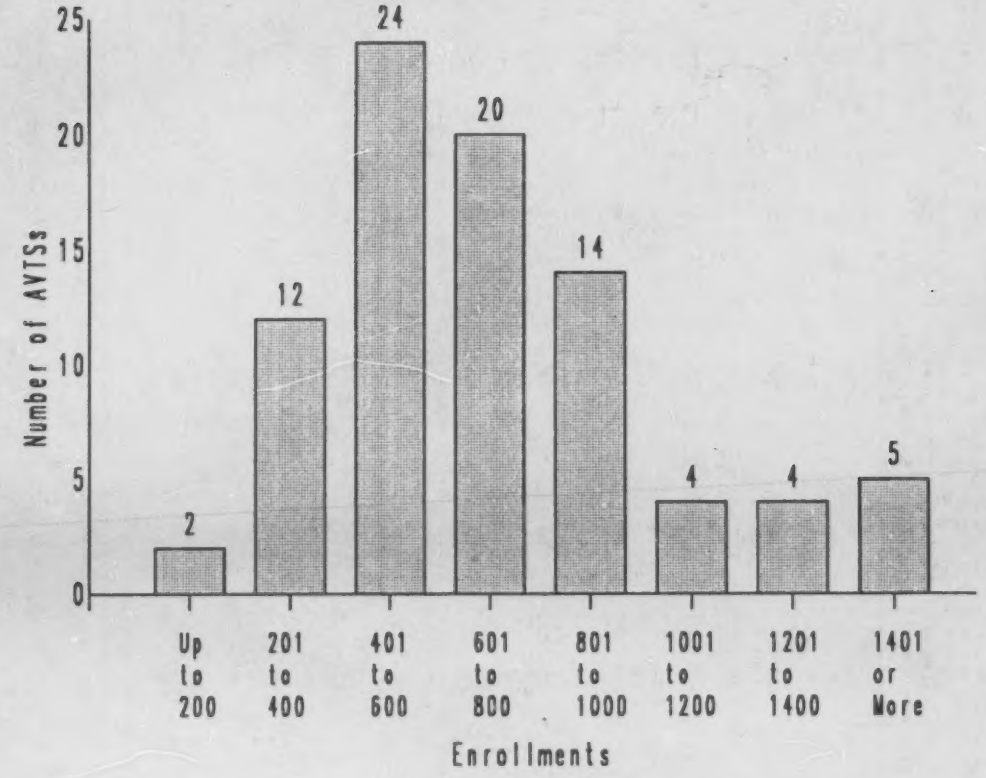


TABLE 8

SECONDARY VOCATIONAL EDUCATION PROGRAMS AND ENROLLMENTS BY TYPE OF INSTITUTION BY PROGRAM, 1986-87

	Total		High School		AVTS		Intermediate Unit		Correctional Institution	
	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled
SECONDARY TOTAL	4 266 1/	168 535	2 596	105 566	1 610	60 667	26	942	34	1 360
Agriculture Education	257	9 443	190	7 191	66	2 215	1	37	0	0
Agricultural mechanics	33	1 160	29	1 048	4	112	0	0	0	0
Agricultural production	154	6 215	140	5 552	14	663	0	0	0	0
Agricultural products	1	71	0	0	1	71	0	0	0	0
Agricultural resources	7	95	4	70	3	25	0	0	0	0
Agricultural services & supplies	2	67	1	1	1	66	0	0	0	0
Agricultural technology	1	33	0	0	1	33	0	0	0	0
Agriculture, other	1	97	0	0	1	97	0	0	0	0
Forestry production/processing	8	235	6	169	2	66	0	0	0	0
Horticulture	48	1 393	10	351	38	1 042	0	0	0	0
Lumbering	1	40	0	0	1	40	0	0	0	0
Multi-skill agriculture	1	37	0	0	0	0	1	37	0	0
Business Education	1 517	39 966	1 453	36 165	63	3 787	1	14	0	0
Accounting	460	12 427	448	11 767	12	660	0	0	0	0
Business data processing	45	1 573	21	352	24	1 221	0	0	0	0
Business education, other	2	38	2	38	0	0	0	0	0	0
Clerk-typist	1	32	1	32	0	0	0	0	0	0
General office	476	14 955	462	13 797	13	1 144	1	14	0	0
Multi-skill business	2	73	2	73	0	0	0	0	0	0
Secretarial, general	531	10 868	517	10 106	14	762	0	0	0	0
Health Occupations Education	123	4 210	24	736	99	3 474	0	0	0	0
Clinical lab assisting	6	143	2	36	4	107	0	0	0	0
Dental assisting	13	355	1	28	12	327	0	0	0	0
Dental lab technology	2	76	1	34	1	42	0	0	0	0
Health assisting	66	2 316	5	120	61	2 196	0	0	0	0
Health related technology	5	198	2	61	3	137	0	0	0	0
Home health aide	4	122	1	34	3	88	0	0	0	0
Medical assisting	9	302	1	31	8	271	0	0	0	0
Microbiology technology	1	25	0	0	1	25	0	0	0	0
Nursing assisting	17	673	11	392	6	281	0	0	0	0

TABLE 8

SECONDARY VOCATIONAL EDUCATION PROGRAMS AND ENROLLMENTS BY TYPE OF INSTITUTION BY PROGRAM, 1986-87--Continued

	Total		High School		AVTS		Intermediate Unit		Correctional Institution	
	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled
Marketing & Distributive Education	131	5 809	64	3 327	65	2 452	2	30	0	0
Marketing & distribution	110	5 192	63	3 247	46	1 930	1	15	0	0
Marketing hotel/motel services	1	33	0	0	1	33	0	0	0	0
Multi-skill marketing & distrib educ	1	15	0	0	0	0	1	15	0	0
Passenger transportation marketing	1	45	0	0	1	45	0	0	0	0
Warehouse services marketing	18	524	1	80	17	444	0	0	0	0
Occupational Home Economics Education	204	7 502	64	2 560	133	4 772	3	47	4	123
Baking	12	374	0	0	12	374	0	0	0	0
Child care services	21	857	12	583	9	274	0	0	0	0
Clothing/textiles mgmt/production	24	575	5	127	19	448	0	0	0	0
Custodial services	6	175	2	66	3	79	0	0	1	30
Dietetic aide/assisting	1	7	0	0	1	7	0	0	0	0
Dressmaking	1	26	0	0	1	26	0	0	0	0
Food production, mgmt, & services	115	4 789	31	1 360	80	3 351	2	29	2	49
Institution/home mgmt services	5	91	2	36	3	55	0	0	0	0
Interior design	1	39	0	0	1	39	0	0	0	0
Multi-skill home economics	2	25	1	7	0	0	1	18	0	0
Occupational home economics, other	3	95	1	14	1	37	0	0	1	44
Power sewing	6	220	4	169	2	51	0	0	0	0
Tailoring	7	229	6	198	1	31	0	0	0	0
Trade & Industrial Education	1 392	50 822	204	7 472	1 154	42 070	6	121	28	1 159
Aircraft mechanics	3	44	0	0	3	44	0	0	0	0
Appliance repair	15	367	1	24	14	343	0	0	0	0
Architectural design technology	5	140	0	0	5	140	0	0	0	0
Audio-visual communications	8	243	2	80	6	163	0	0	0	0
Auto diesel mechanic	6	260	0	0	6	260	0	0	0	0
Automotive body repair	91	3 471	13	491	76	2 929	1	18	1	33
Automotive mechanics	113	5 567	28	1 282	81	4 085	1	15	3	185
Automotive occupations	6	194	3	91	3	103	0	0	0	0
Automotive specialist	10	421	2	103	8	318	0	0	0	0
Building & property maintenance	3	58	1	6	0	0	0	0	2	52
Building construction occupations	22	962	9	386	11	557	1	13	1	6
Building trades maintenance	43	1 602	6	251	37	1 351	0	0	0	0

TABLE 8

SECONDARY VOCATIONAL EDUCATION PROGRAMS AND ENROLLMENTS BY TYPE OF INSTITUTION BY PROGRAM, 1986-87--Continued

	Total		High School		AVTS		Intermediate Unit		Correctional Institution	
	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled
Trade & Industrial Education--Continued										
Business machine repair	1	1	0	0	1	1	0	0	0	0
Carpentry	93	4 106	11	366	77	3 536	0	0	5	204
Chemical technology	2	42	0	0	2	42	0	0	0	0
Civil technology	4	46	1	3	3	43	0	0	0	0
Commercial art	38	1 543	5	189	33	1 354	0	0	0	0
Commercial photography	1	34	0	0	1	34	0	0	0	0
Communication electronics	20	653	7	328	13	325	0	0	0	0
Computer & information sciences	49	2 334	1	3	48	2 331	0	0	0	0
Computer servicing technology	5	107	0	0	5	107	0	0	0	0
Cosmetology	90	5 891	7	391	82	5 454	0	0	1	46
Diesel engine mechanics	22	739	0	0	22	739	0	0	0	0
Drafting	36	1 185	11	553	25	632	0	0	0	0
Drafting & design technology	8	184	3	73	5	111	0	0	0	0
Dryclean/launder services	3	118	3	118	0	0	0	0	0	0
Electrical occupations	34	1 022	4	133	30	889	0	0	0	0
Electrical technology	13	464	1	18	12	446	0	0	0	0
Electrical, construction/maintenance	35	1 037	5	134	28	891	0	0	2	12
Electrical, industrial	11	349	2	64	9	285	0	0	0	0
Electromechanical technology	7	221	0	0	7	221	0	0	0	0
Electronic technology	68	1 974	7	203	61	1 771	0	0	0	0
Electronics	10	344	3	108	6	146	0	0	1	90
Engineering related technology	2	47	0	0	2	47	0	0	0	0
Environment control technology	3	93	1	25	2	68	0	0	0	0
Foundry work	2	26	0	0	2	26	0	0	0	0
Graphic arts	54	1 564	9	218	44	1 311	0	0	1	35
Graphics occupations	5	154	1	72	4	82	0	0	0	0
Heating	10	172	0	0	10	172	0	0	0	0
Heating, air cond, refrigeration	24	679	1	22	23	657	0	0	0	0
Heavy equipment maintenance/repair	6	205	0	0	6	205	0	0	0	0
Hydraulics/fluid power	1	4	0	0	1	4	0	0	0	0
Instrumentation maintenance/repair	1	21	0	0	1	21	0	0	0	0
Law enforcement	2	68	1	31	1	37	0	0	0	0
Lineworker	1	45	0	0	1	45	0	0	0	0
Machine shop	84	2 580	11	397	73	2 183	0	0	0	0
Masonry	51	1 507	4	80	46	1 417	0	0	1	10

TABLE 8

SECONDARY VOCATIONAL EDUCATION PROGRAMS AND ENROLLMENTS BY TYPE OF INSTITUTION BY PROGRAM, 1986-87--Continued

	Total		High School		AVTS		Intermediate Unit		Correctional Institution	
	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled
Trade & Industrial Education--Concluded										
Masonry occupations	2	55	0	0	2	55	0	0	0	0
Meatcutting	3	64	0	0	3	64	0	0	0	0
Mech drafting/design technology	31	820	5	74	26	746	0	0	0	0
Mechanical drafting	2	70	1	60	1	10	0	0	0	0
Metal fabrication	6	200	0	0	6	200	0	0	0	0
Metallurgical technology	1	22	0	0	1	22	0	0	0	0
Metalworking occupations	3	95	1	40	2	55	0	0	0	0
Millwork & cabinet making	33	959	11	388	22	571	0	0	0	0
Mine equipment maintenance	1	31	0	0	1	31	0	0	0	0
Multi-skill trade & industrial	6	324	2	118	1	131	3	75	0	0
Optical technology	1	14	0	0	1	14	0	0	0	0
Painting and decorating	11	240	1	6	10	234	0	0	0	0
Patternmaking	1	13	0	0	1	13	0	0	0	0
Petroleum technology	2	56	1	32	1	24	0	0	0	0
Photo engraving	1	20	0	0	1	20	0	0	0	0
Plumbing	38	972	1	11	35	953	0	0	2	8
Power mechanics occupations	3	101	2	72	1	29	0	0	0	0
Printing press operations	1	49	0	0	1	49	0	0	0	0
Security services	1	24	0	0	1	24	0	0	0	0
Sheet metal	14	323	0	0	14	323	0	0	0	0
Shoe and boot repair	2	90	2	90	0	0	0	0	0	0
Silk screen printing	1	10	1	10	0	0	0	0	0	0
Small engine repair	22	607	3	72	15	403	0	0	4	132
Tool & die design technology	1	35	0	0	1	35	0	0	0	0
Tool and die making	3	98	0	0	3	98	0	0	0	0
Typesetting & composition	1	11	1	11	0	0	0	0	0	0
Upholstering	6	217	3	104	3	113	0	0	0	0
Vending machine repair	1	24	0	0	1	24	0	0	0	0
Welding	72	2 209	5	141	64	1 903	0	0	3	165
Woodworking, general	1	181	0	0	0	0	0	0	1	181
Not Elsewhere Classified	135	5 476	90	2 808	30	1 897	13	693	2	78
Diversified occupations	104	3 076	84	2 302	17	655	3	119	0	0
Vocational education, other	31	2 400	6	506	13	1 242	10	574	2	78

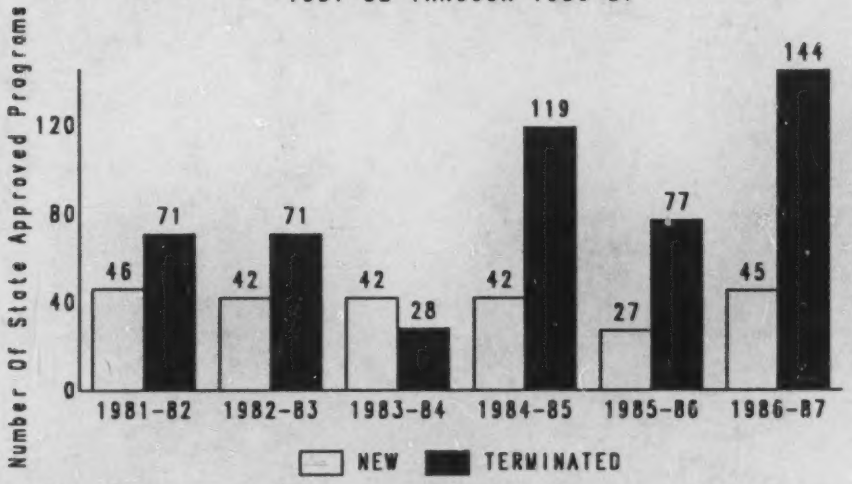
TABLE 8

SECONDARY VOCATIONAL EDUCATION PROGRAMS AND ENROLLMENTS BY TYPE OF INSTITUTION BY PROGRAM, 1986-87--Concluded

	Total		High School		AVTS		Intermediate Unit		Correctional Institution	
	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled	Number of Programs	Enrolled
Consumer and Homemaking Education	507	45 307	507	45 307	0	0	0	0	0	0
Child development	1	32	1	32	0	0	0	0	0	0
Clothing and textiles	4	124	4	124	0	0	0	0	0	0
Comprehensive home economics	499	45 045	499	45 045	0	0	0	0	0	0
Food and nutrition	3	106	3	106	0	0	0	0	0	0

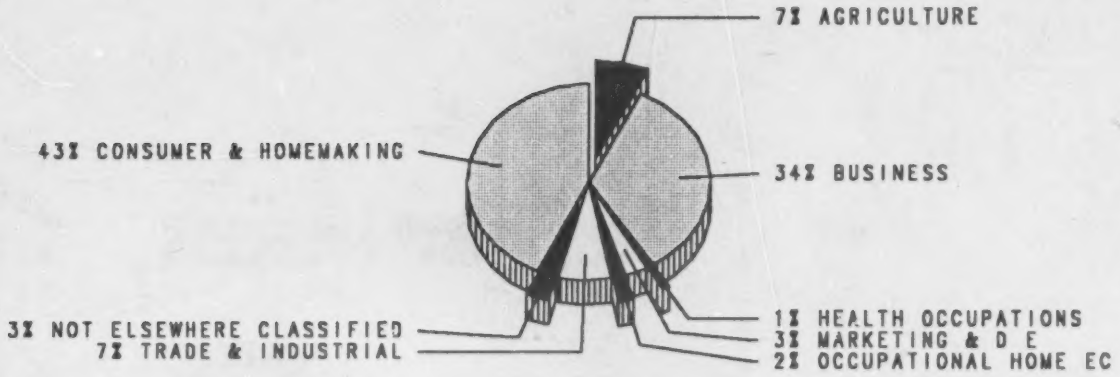
1/ Includes 101 programs not approved under the state regulations and standards for vocational education.

FIGURE 7
SECONDARY VOCATIONAL EDUCATION APPROVED PROGRAMS
NEW VS TERMINATED
1981-82 THROUGH 1986-87

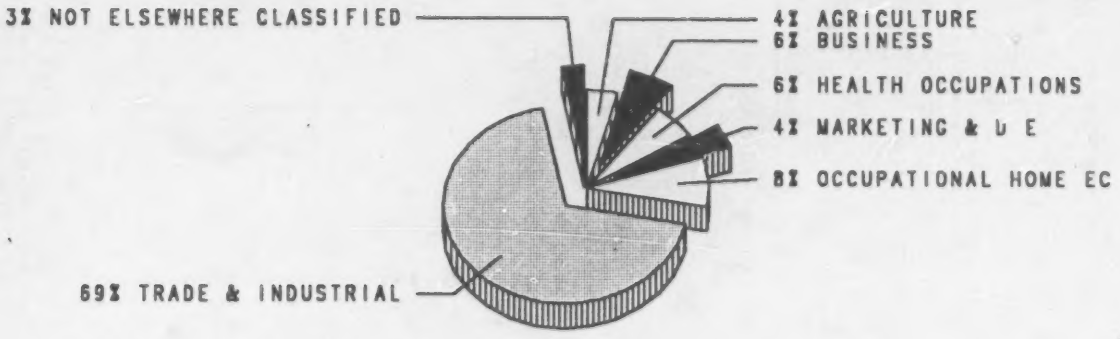


Since 1980-81, the Pennsylvania Department of Education has been terminating programs in which no students were reported for two or more years. This was not done in 1983-84 due to changes in program coding.

FIGURE 8
SECONDARY VOCATIONAL EDUCATION ENROLLMENTS
BY TYPE OF INSTITUTION BY PROGRAM FIELD
1986-87

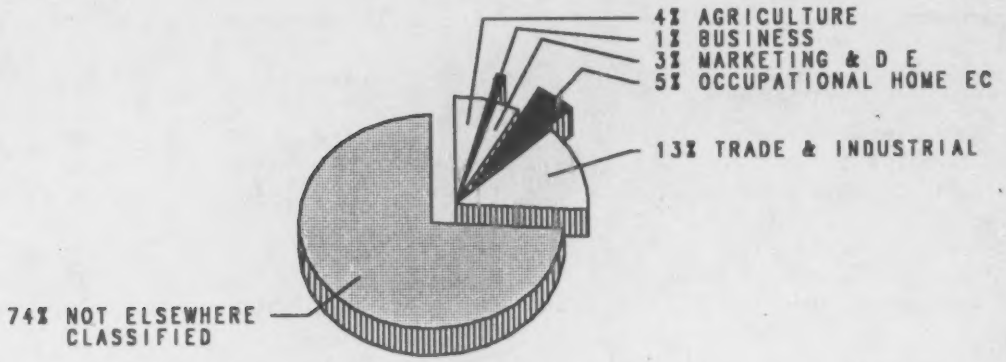


HIGH SCHOOL

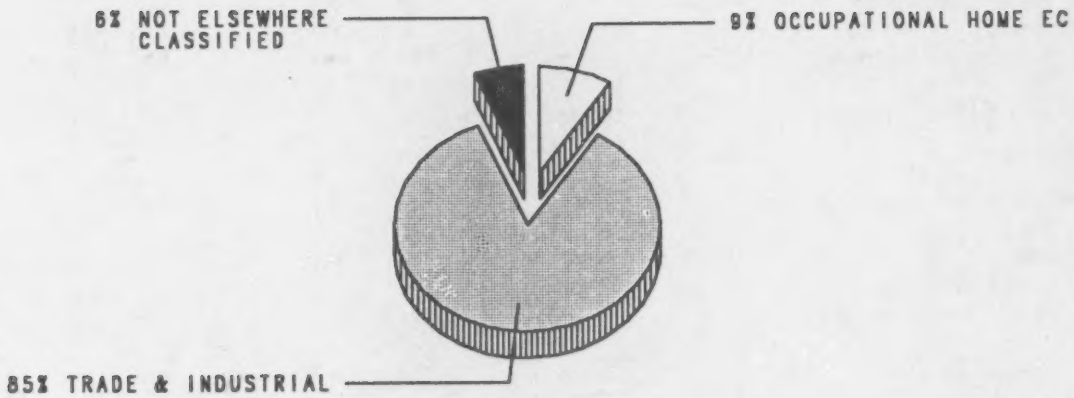


AVTS

FIGURE 8
SECONDARY VOCATIONAL EDUCATION ENROLLMENTS
BY TYPE OF INSTITUTION BY PROGRAM FIELD
1986-87 - Concluded



INTERMEDIATE UNIT



CORRECTIONAL INSTITUTION

TABLE 9

SECONDARY VOCATIONAL EDUCATION SPECIAL NEEDS ENROLLMENTS COMPARED TO TOTAL ENROLLMENTS BY PROGRAM, 1986-87

	Total Enrollments	Handicapped	%	Disadvantaged 2/	%
SECONDARY TOTAL 1/	167 175	15 896	9.5	50 323	30.1
Agriculture Education	9 443	978	10.4	3 021	32.0
Agricultural mechanics	1 160	74	6.4	325	28.0
Agricultural production	6 215	548	8.8	1 872	30.1
Agricultural products	71	3	4.2	67	94.4
Agricultural resources	95	0	.0	36	37.9
Agricultural services & supplies	67	0	.0	67	100.0
Agricultural technology	33	11	33.3	12	36.4
Agriculture, other	97	1	1.0	94	96.9
Forestry production/processing	235	18	7.7	52	22.1
Horticulture	1 393	276	19.8	479	34.4
Lumbering	40	10	25.0	17	42.5
Multi-skill agriculture	37	37	100.0	0	.0
Business Education	39 966	804	2.0	11 148	27.9
Accounting	12 427	130	1.0	2 962	23.8
Business data processing	1 573	54	3.4	419	26.6
Business education, other	38	0	.0	26	68.4
Clerk-typist	32	32	100.0	0	.0
General office	14 955	504	3.4	5 372	35.9
Multi-skill business	73	6	8.2	67	91.8
Secretarial, general	10 868	78	.7	2 302	21.2
Health Occupations Education	4 210	426	10.1	1 538	36.5
Clinical lab assisting	143	6	4.2	49	34.3
Dental assisting	355	11	3.1	105	29.6
Dental lab technology	76	8	10.5	19	25.0
Health assisting	2 316	208	9.0	761	32.9
Health related technology	198	1	.5	141	71.2
Home health aide	122	34	27.9	31	25.4
Medical assisting	302	23	7.6	75	24.8
Microbiology technology	25	2	8.0	7	28.0
Nursing assisting	673	133	19.8	350	52.0

TABLE 9

SECONDARY VOCATIONAL EDUCATION SPECIAL NEEDS ENROLLMENTS COMPARED TO TOTAL ENROLLMENTS BY PROGRAM, 1986-87--Continued

	Total Enrollments	Handicapped	%	Disadvantaged 2/	%
Marketing & Distributive Education	5 809	515	8.9	2 058	35.4
Marketing & distribution	5 192	258	5.0	1 917	36.9
Marketing hotel/motel services	33	5	15.2	9	27.3
Multi-skill marketing & distrib educ	15	15	100.0	0	.0
Passenger transportation marketing	45	4	8.9	2	4.4
Warehouse services marketing	524	233	44.5	130	24.8
Occupational Home Economics Education	7 379	1 847	25.0	2 925	39.6
Baking	374	100	26.7	117	31.3
Child care services	857	76	8.9	381	44.5
Clothing/textiles mgmnt/production	575	113	19.7	249	43.3
Custodial services	145	130	89.7	14	9.7
Dietetic aide/assisting	7	0	.0	3	42.9
Dressmaking	26	1	3.8	25	96.2
Food production, mgmnt, & services	4 740	1 134	23.9	1 863	39.3
Institution/home management service	91	55	60.4	7	7.7
Interior design	39	1	2.6	13	33.3
Multi-skill home economics	25	25	100.0	0	.0
Occupation home economics, other	51	13	25.5	18	35.3
Power sewing	220	93	42.3	119	54.1
Tailoring	229	106	46.3	116	50.7
Trade & Industrial Education	49 663	6 847	13.8	17 336	34.9
Aircraft mechanics	44	1	2.3	3	6.8
Appliance repair	367	70	19.1	90	24.5
Architectural design technology	140	3	2.1	59	42.1
Audio-visual communications	243	57	23.5	79	32.5
Auto diesel mechanic	260	40	15.4	89	34.2
Automotive body repair	3 438	717	20.9	1 290	37.5
Automotive mechanics	5 382	847	15.7	2 078	38.6
Automotive occupations	194	109	56.2	37	19.1
Automotive specialist	421	42	10.0	157	37.3
Building & property maintenance	6	6	100.0	0	.0
Building construction occupations	956	256	26.8	335	35.0
Building trades maintenance	1 602	510	31.8	491	30.6

TABLE 9

SECONDARY VOCATIONAL EDUCATION SPECIAL NEEDS ENROLLMENTS COMPARED TO TOTAL ENROLLMENTS BY PROGRAM, 1986-87--Continued

	Total Enrollments	Handicapped	%	Disadvantaged 2/	%
Trade & Industrial Education--Continued					
Business machine repair	1	0	.0	0	.0
Carpentry	3 902	555	14.2	1 265	32.4
Chemical technology	42	0	.0	15	35.7
Civil technology	46	2	4.3	3	6.5
Commercial art	1 543	169	11.0	535	34.7
Commercial photography	34	2	5.9	18	52.9
Communication electronics	653	48	7.4	398	60.9
Computer & information sciences	2 334	86	3.7	722	30.9
Computer servicing technology	107	4	3.7	24	22.4
Cosmetology	5 845	254	4.3	1 816	31.1
Diesel engine mechanics	739	96	13.0	175	23.7
Drafting	1 185	112	9.5	570	48.1
Drafting & design technology	184	7	3.8	62	33.7
Dryclean/launder services	118	61	51.7	51	43.2
Electrical occupations	1 022	102	10.0	344	33.7
Electrical technology	464	36	7.8	210	45.3
Electrical, construction/maintenance	1 025	102	10.0	343	33.5
Electrical, industrial	349	38	10.9	118	33.8
Electromechanical technology	221	12	5.4	82	37.1
Electronic technology	1 974	51	2.6	609	30.9
Electronics	254	39	15.4	112	44.1
Engineering related technology	47	2	4.3	15	31.9
Environment control technology	93	6	6.5	36	38.7
Foundry work	26	3	11.5	13	50.0
Graphic arts	1 529	177	11.6	590	38.6
Graphics occupations	154	17	11.0	108	70.1
Heating	172	10	5.8	72	41.9
Heating, air cond, refrigeration	679	84	12.4	211	31.1
Heavy equip maintenance/repair	205	28	13.7	46	22.4
Hydraulics/fluid power	4	0	.0	3	75.0
Instrumentation maintenance/repair	21	0	.0	18	85.7
Law enforcement	68	2	2.9	27	39.7
Lineworker	45	7	15.6	12	26.7
Machine shop	2 580	256	9.9	861	33.4
Masonry	1 497	319	21.3	447	29.9
Masonry occupations	55	10	18.2	28	50.9

TABLE 9

SECONDARY VOCATIONAL EDUCATION SPECIAL NEEDS ENROLLMENTS COMPARED TO TOTAL ENROLLMENTS BY PROGRAM, 1986-87--Continued

	Total Enrollments	Handicapped	%	Disadvantaged 2/	%
Trade & Industrial Education--Concluded					
Meatcutting	64	29	45.3	9	14.1
Mech drafting/design technology	820	30	3.7	313	38.2
Mechanical drafting	70	12	17.1	49	70.0
Metal fabrication	200	21	10.5	57	28.5
Metallurgical technology	22	6	27.3	3	13.6
Metalworking occupations	95	7	7.4	47	49.5
Millwork & cabinet making	959	214	22.3	385	40.1
Mine equipment maintenance	31	3	9.7	11	35.5
Multi-skill trade & industrial	324	169	52.2	155	47.8
Optical technology	14	1	7.1	12	85.7
Painting and decorating	240	79	32.9	67	27.9
Patternmaking	13	3	23.1	4	30.8
Petroleum technology	56	3	5.4	13	23.2
Photo engraving	20	1	5.0	11	55.0
Plumbing	964	169	17.5	261	27.1
Power mechanics occupations	101	10	9.9	23	22.8
Printing press operations	49	9	18.4	15	30.6
Security services	24	6	25.0	10	41.7
Sheet metal	323	65	20.1	130	40.2
Shoe and boot repair	90	20	22.2	69	76.7
Silk screen printing	10	0	.0	10	100.0
Small engine repair	475	143	30.1	131	27.6
Tool & die design technology	35	0	.0	14	40.0
Tool and die making	98	2	2.0	7	7.1
Typesetting & composition	11	0	.0	11	100.0
Upholstering	217	83	38.2	92	42.4
Vending machine repair	24	13	54.2	8	33.3
Welding	2 044	394	19.3	752	36.8
Not Elsewhere Classified	5 398	1 702	31.5	1 286	23.8
Diversified occupations	3 076	276	9.0	538	17.5
Vocational education, other	2 322	1 426	61.4	748	32.2

TABLE 9

SECONDARY VOCATIONAL EDUCATION SPECIAL NEEDS ENROLLMENTS COMPARED TO TOTAL ENROLLMENTS BY PROGRAM, 1986-87--Concluded

	Total Enrollments	Handicapped	%	Disadvantaged 2/	%
Consumer and Homemaking Education	45 307	2 777	6.1	11 011	24.3
Child development	32	3	9.4	27	84.4
Clothing and textiles	124	12	9.7	71	57.3
Comprehensive home economics	45 045	2 757	6.1	10 851	24.1
Food and nutrition	106	5	4.7	62	58.5

1/ Does not include 1,360 students in correctional institutions.
2/ Includes 1,287 limited English proficiency enrollments.

Special needs students may be enrolled in a separate vocational education program or in a mainstream program with regular students. In 1986-87, 79.6 percent of the handicapped and 96.4 percent of the disadvantaged students were in a mainstream program.

FIGURE 9
SECONDARY VOCATIONAL EDUCATION
SPECIAL NEEDS ENROLLMENTS BY SEX
1986-87

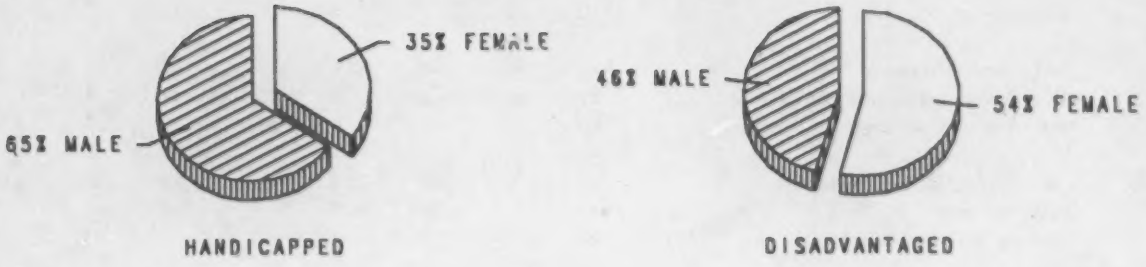


TABLE 10

FOLLOW-UP OF VOCATIONAL EDUCATION COMPLETERS OF APPROVED SECONDARY PROGRAMS BY PROGRAM, 1985-86

		Percent of Respondents						
		Employed, Military, Pursuing Education					Unemployed	
	Completers	Employed Related to Training	Employed Not Related to Training	Military Service	Pursuing Additional Education	Total Gainfully Placed 1/	Unemployed Looking	Unemployed Not Looking
SECONDARY TOTAL	42 749	35.6	23.2	6.8	23.7	89.2	7.6	3.2
Agriculture Education	2 150	34.2	29.8	9.6	16.[illegible]	90.5	6.8	2.8
Agricultural mechanics	240	30.9	32.0	15.5	16.5	94.8	4.1	1.0
Agricultural production	1 265	39.1	29.1	10.9	15.2	94.3	4.5	1.3
Agricultural products	29	20.0	10.0	30.0	30.0	90.0	10.0	.0
Agricultural resources	43	11.8	17.6	23.5	23.5	76.5	17.6	5.9
Agricultural services & supplies	34	18.8	12.5	.0	62.5	93.8	6.3	.0
Agricultural technology	11	.0	.0	.0	.0	.0	.0	.0
Agriculture, other	30	41.2	5.9	5.9	47.1	100.0	.0	.0
Forestry production/processing	59	24.1	31.0	3.4	34.5	93.1	6.9	.0
Horticulture	429	27.2	36.4	1.5	11.8	76.9	14.4	8.7
Lumbering	10	.0	.0	100.0	.0	100.0	.0	.0
Business Education	16 253	34.9	19.4	3.0	32.5	89.8	7.0	3.2
Accounting	4 596	21.9	22.2	3.9	44.2	92.2	5.3	2.4
Business data processing	696	36.0	21.1	6.0	28.4	91.5	6.6	1.8
Business education, other	2	50.0	50.0	.0	.0	100.0	.0	.0
General office	5 864	34.4	21.3	3.7	28.2	87.7	8.4	3.9
Secretarial, general	5 095	45.3	15.4	1.3	27.5	89.5	7.2	3.3
Health Occupations Education	1 665	37.7	21.5	2.2	25.6	87.0	8.1	4.9
Clinical lab assisting	68	25.8	6.5	9.7	48.4	90.3	6.5	3.2
Dental assisting	169	41.3	29.8	1.0	14.4	86.5	8.7	4.8
Dental lab technology	11	50.0	12.5	.0	25.0	87.5	12.5	.0
Health assisting	944	41.0	22.9	1.4	23.1	88.4	6.4	5.2
Health related technology	89	13.6	11.4	4.5	63.6	93.2	2.3	4.5
Home health aide	32	21.1	15.8	10.5	15.8	63.2	26.3	10.5
Medical assisting	97	45.5	20.0	3.6	18.2	87.3	9.1	3.6
Microbiology technology	19	21.4	7.1	7.1	50.0	85.7	14.3	.0
Nursing assisting	236	30.4	19.0	1.3	29.1	79.7	15.2	5.1

TABLE 10

FOLLOW-UP OF VOCATIONAL EDUCATION COMPLETERS OF APPROVED SECONDARY PROGRAMS BY PROGRAM, 1985-86--Continued

		Percent of Respondents						
		Employed, Military, Pursuing Education					Unemployed	
	Completers	Employed Related to Training	Employed Not Related to Training	Military Service	Pursuing Additional Education	Total Gainfully Placed 1/	Unemployed Looking	Unemployed Not Looking
Marketing and Distributive Education	2 345	38.6	21.4	4.1	20.6	84.7	9.2	6.2
Marketing & distribution	2 092	40.5	19.2	3.6	21.4	84.7	8.8	6.5
Marketing hotel/motel services	11	33.3	33.3	.0	.0	66.7	.0	33.3
Passenger transportation marketing	52	11.1	37.0	3.7	40.7	92.6	7.4	.0
Warehouse services marketing	190	30.7	34.7	7.9	9.9	83.2	12.9	4.0
Occupational Home Economics Education	2 102	34.1	22.7	4.6	17.5	78.9	13.8	7.3
Baking	146	37.5	32.1	1.8	14.3	85.7	8.9	5.4
Child care services	207	23.5	25.9	.0	35.8	85.2	12.3	2.5
Clothing/textiles mgmnt/production	184	38.0	20.3	5.1	16.5	79.7	13.9	6.3
Custodial services	33	16.7	33.3	.0	.0	50.0	41.7	8.3
Dressmaking	8	.0	33.3	.0	.0	33.3	33.3	33.3
Food production, mgmnt, & services	1 382	36.3	20.9	5.7	15.1	77.9	13.9	8.2
Institution/home management services	25	42.9	28.6	14.3	14.3	100.0	.0	.0
Interior design	8	.0	60.0	.0	40.0	100.0	.0	.0
Occupational home economics, other	9	60.0	20.0	.0	20.0	100.0	.0	.0
Power sewing	45	.0	33.3	.0	44.4	77.8	11.1	11.1
Tailoring	55	.0	22.2	.0	33.3	55.6	33.3	11.1
Technical Education	2 446	22.5	20.0	12.5	38.6	93.6	4.8	1.6
Architectural design technology	43	15.0	30.0	15.0	30.0	90.0	10.0	.0
Chemical technology	36	.0	17.6	11.8	64.7	94.1	.0	5.9
Civil technology	22	41.7	16.7	.0	16.7	75.0	16.7	8.3
Computer & information sciences	875	27.5	19.9	7.0	37.3	91.6	5.6	2.8
Computer servicing technology	18	22.2	44.4	11.1	11.1	88.9	.0	11.1
Drafting & design technology	122	13.2	11.3	3.8	71.7	100.0	.0	.0
Electrical technology	162	32.8	20.3	17.2	28.1	98.4	1.6	.0
Electromechanical technology	51	26.3	15.8	31.6	15.8	89.5	10.5	.0
Electronic technology	696	16.9	20.0	16.0	43.1	96.0	4.0	.0
Engineering related technology	15	.0	.0	14.3	85.7	100.0	.0	.0
Environment control technology	21	50.0	37.5	12.5	.0	100.0	.0	.0
Instrumentation maintenance/repair	15	.0	25.0	25.0	50.0	100.0	.0	.0

TABLE 10

FOLLOW-UP OF VOCATIONAL EDUCATION COMPLETERS OF APPROVED SECONDARY PROGRAMS BY PROGRAM, 1985-86--Continued

		Percent of Respondents						
		Employed, Military, Pursuing Education					Unemployed	
	Completers	Employed Related to Training	Employed Not Related to Training	Military Service	Pursuing Additional Education	Total Gainfully Placed 1/	Unemployed Looking	Unemployed Not Looking
Technical Education--Concluded								
Mechanical drafting/design technology	315	22.4	18.6	19.9	32.3	93.2	5.0	1.9
Metallurgical technology	15	.0	33.3	22.2	33.3	88.9	11.1	.0
Optical technology	7	.0	.0	.0	100.0	100.0	.0	.0
Petroleum technology	17	.0	57.1	28.6	.0	85.7	14.3	.0
Tool & die design technology	16	.0	50.0	25.0	.0	75.0	25.0	.0
Trade & Industrial Education	13 227	38.6	27.2	11.4	12.5	89.7	8.0	2.3
Aircraft mechanics	24	42.9	.0	14.3	28.6	85.7	14.3	.0
Appliance repair	133	20.8	45.3	17.0	11.3	94.3	3.8	1.9
Audio-visual communications	65	28.1	31.3	18.8	6.3	84.4	12.5	3.1
Auto diesel mechanic	83	32.4	44.1	11.8	11.8	100.0	.0	.0
Automotive body repair	1 016	32.5	37.6	10.1	6.7	86.9	12.6	.5
Automotive mechanics	1 614	39.2	25.5	12.8	13.7	91.1	7.5	1.4
Automotive occupations	39	.0	53.8	7.7	23.1	84.6	7.7	7.7
Automotive specialist	148	34.3	20.9	17.9	16.4	89.6	9.0	1.5
Building construction occupations	172	45.2	23.8	9.5	7.1	85.7	14.3	.0
Building trades maintenance	451	36.1	29.0	13.6	9.5	88.2	10.1	1.8
Business machine repair	5	50.0	.0	.0	25.0	75.0	25.0	.0
Carpentry	1 212	50.9	21.9	12.7	8.5	94.0	5.5	.5
Commercial art	444	16.1	29.0	10.8	32.8	88.7	8.1	3.2
Commercial photography	4	66.7	33.3	.0	.0	100.0	.0	.0
Communication electronics	216	7.9	31.7	12.7	33.3	85.7	14.3	.0
Cosmetology	1 870	49.5	26.4	.6	8.6	85.1	7.2	7.7
Diesel engine mechanics	256	45.5	21.8	15.5	10.0	92.7	6.4	.9
Drafting	337	22.2	19.3	15.6	31.9	88.9	9.6	1.5
Dryclean/launder services	9	.0	.0	.0	100.0	100.0	.0	.0
Electrical occupations	306	28.7	22.3	24.8	14.6	90.4	7.0	2.5
Electrical, construction/maintenance	305	38.7	21.2	10.9	21.2	92.0	7.3	.7
Electrical, industrial	149	32.3	26.2	9.2	23.1	90.8	7.7	1.5
Electronics	89	.0	14.8	14.8	63.0	92.6	7.4	.0
Foundry work	9	.0	.0	.0	100.0	100.0	.0	.0
Graphic arts	526	39.6	26.4	7.5	11.8	85.4	9.0	5.7

TABLE 10

FOLLOW-UP OF VOCATIONAL EDUCATION COMPLETERS OF APPROVED SECONDARY PROGRAMS BY PROGRAM, 1985-86--Continued

	Completers	Percent of Respondents						
		Employed, Military, Pursuing Education					Unemployed	
		Employed Related to Training	Employed Not Related to Training	Military Service	Pursuing Additional Education	Total Gainfully Placed 1/	Unemployed Looking	Unemployed Not Looking
Trade & Industrial Education--Concluded								
Graphics occupations	33	30.0	40.0	.0	20.0	90.0	10.0	.0
Heating	66	33.3	30.6	13.9	19.4	97.2	.0	2.8
Heating, air cond, refrigeration	259	31.7	26.7	12.5	20.8	91.7	6.7	1.7
Heavy equipment maintenance/repair	58	29.2	33.3	20.8	8.3	91.7	8.3	.0
Law enforcement	16	.0	40.0	40.0	20.0	100.0	.0	.0
Lineworker	15	57.1	28.6	14.3	.0	100.0	.0	.0
Machine shop	818	42.2	24.8	16.4	11.7	95.0	4.5	.5
Masonry	476	40.6	27.3	15.8	6.1	89.7	9.7	.6
Masonry occupations	27	15.4	30.8	15.4	15.4	76.9	23.1	.0
Meatcutting	33	6.3	43.8	12.5	25.0	87.5	12.5	.0
Mechanical drafting	37	.0	9.1	18.2	72.7	100.0	.0	.0
Metal fabrication	55	37.5	20.8	12.5	20.8	91.7	8.3	.0
Metalworking occupations	32	18.8	25.0	18.8	18.8	81.3	18.8	.0
Millwork & cabinet making	317	48.0	28.3	14.2	4.7	95.3	3.1	1.6
Mine equipment maintenance	14	.0	.0	.0	50.0	50.0	50.0	.0
Motor repair	15	33.3	.0	.0	66.7	100.0	.0	.0
Painting and decorating	75	13.5	43.2	8.1	5.4	70.3	18.9	10.8
Patternmaking	6	33.3	66.7	.0	.0	100.0	.0	.0
Photo engraving	9	25.0	25.0	.0	25.0	75.0	25.0	.0
Plumbing	290	45.4	27.7	14.3	8.4	95.8	4.2	.0
Power mechanics occupations	31	37.5	25.0	25.0	6.3	93.8	6.3	.0
Printing press operations	9	66.7	.0	.0	33.3	100.0	.0	.0
Security services	6	.0	.0	.0	.0	.0	.0	.0
Sheet metal	91	48.6	31.4	5.7	2.9	88.6	11.4	.0
Shoe and boot repair	8	.0	.0	100.0	.0	100.0	.0	.0
Small engine repair	123	14.5	50.9	12.7	7.3	85.5	12.7	1.8
Tool and die making	49	59.4	15.6	3.1	6.3	84.4	15.6	.0
Typesetting & composition	4	.0	100.0	.0	.0	100.0	.0	.0
Upholstering	71	.0	63.6	9.1	18.2	90.9	9.1	.0
Vending machine repair	5	50.0	.0	.0	50.0	100.0	.0	.0
Welding	697	36.2	30.9	15.0	5.2	87.3	11.4	1.3

TABLE 10

FOLLOW-UP OF VOCATIONAL EDUCATION COMPLETERS OF APPROVED SECONDARY PROGRAMS BY PROGRAM, 1985-86--Concluded

		Percent of Respondents						
		Employed, Military, Pursuing Education					Unemployed	
	Completers	Employed Related to Training	Employed Not Related to Training	Military Service	Pursuing Additional Education	Total Gainfully Placed 1/	Unemployed Looking	Unemployed Not Looking
Not Elsewhere Classified	2 561	38.8	29.4	7.3	15.5	91.0	6.1	2.9
Diversified occupations	2 534	38.9	29.4	7.3	15.5	91.2	6.0	2.8
Vocational education, other	27	20.0	40.0	.0	.0	60.0	20.0	20.0

1/ "Total gainfully placed" includes "employed related to training," "employed not related to training," "military service" and "pursuing additional education."

Due to rounding factors, percentages will not always add to 100.0 percent.

The student follow-up of secondary vocational education completers from the 1985-86 school year was conducted during the summer of 1987. The response rate was 44.1 percent.

A student is counted in only one of the employment status categories. A student who is "pursuing additional education" and either "employed not related to training," "unemployed looking," or "unemployed not looking" is counted as "pursuing additional education." A student who is "pursuing additional education" and "employed related to training" is counted as "employed related to training"; a student who is "pursuing additional education" and "military service" is counted as "military service."

TABLE 11

FOLLOW-UP OF VOCATIONAL EDUCATION COMPLETERS OF APPROVED SECONDARY PROGRAMS IN AVTSs BY PROGRAM FIELD, 1985-86

		Percent of Respondents						
		Employed, Military, Pursuing Education					Unemployed	
	Completers	Employed Related to Training	Employed Not Related to Training	Military Service	Pursuing Additional Education	Total Gainfully Placed 1/	Unemployed Looking	Unemployed Not Looking
AVTS TOTAL	19 947	38.0	24.6	9.0	16.8	88.4	8.1	3.5
Agriculture Education	539	28.7	35.0	4.6	11.0	79.3	13.5	7.2
Business Education	1 142	45.1	17.9	3.7	24.8	91.5	5.8	2.7
Health Occupations Education	1 415	39.5	22.4	2.1	23.4	87.4	7.5	5.1
Marketing and Distributive Education	1 040	40.9	22.0	4.0	12.7	79.6	11.7	8.7
Occupational Home Economics Education	1 395	39.5	21.5	3.9	12.2	77.1	14.4	8.5
Technical Education	2 278	22.9	20.3	13.1	37.2	93.5	4.8	1.7
Trade and Industrial Education	11 578	40.2	26.8	11.0	11.7	89.7	7.9	2.4
Not Elsewhere Classified	560	43.0	27.4	5.0	12.3	87.7	8.4	3.9

1/ "Total gainfully placed" includes "employed related to training," "employed not related to training," "military service" and "pursuing additional education."

The student follow-up of secondary vocational education completers from the 1985-86 school year was conducted during the summer of 1987. The response rate for AVTS completers was 46.1 percent.

A student is counted in only one of the employment status categories. A student who is "pursuing additional education" and either "employed not related to training," "unemployed looking," or "unemployed not looking" is counted as "pursuing additional education." A student who is "pursuing additional education" and "employed related to training" is counted as "employed related to training"; a student who is "pursuing additional education" and "military service" is counted as "military service."

TABLE 12

FOLLOW-UP OF VOCATIONAL EDUCATION COMPLETERS OF APPROVED SECONDARY PROGRAMS IN HIGH SCHOOLS BY PROGRAM FIELD, 1985-86

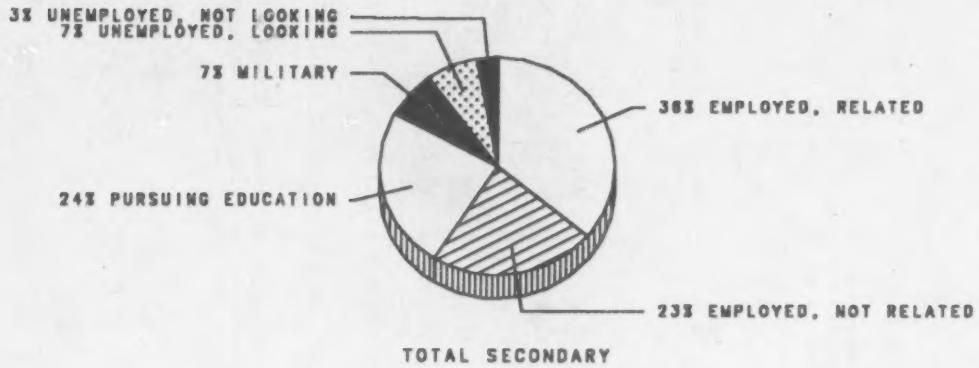
		Percent of Respondents						
		Employed, Military, Pursuing Education					Unemployed	
	Completers	Employed Related to Training	Employed Not Related to Training	Military Service	Pursuing Additional Education	Total Gainfully Placed 1/	Unemployed Looking	Unemployed Not Looking
HIGH SCHOOL TOTAL	22 802	33.4	21.7	4.7	30.2	90.0	7.0	3.0
Agriculture Education	1 611	36.1	28.0	11.3	18.8	94.2	4.5	1.3
Business Education	15 111	34.0	19.6	3.0	33.1	89.7	7.1	3.2
Health Occupations Education	250	24.3	14.6	2.9	41.7	83.5	12.6	3.9
Marketing and Distributive Education	1 305	36.1	20.7	4.1	29.2	90.1	6.5	3.4
Occupational Home Economics Education	707	18.4	26.3	6.4	33.2	84.3	12.0	3.7
Technical Education	168	14.7	16.2	2.9	61.8	95.6	4.4	.0
Trade and Industrial Education	1 649	20.4	31.7	15.4	21.2	88.7	9.8	1.5
Not Elsewhere Classified	2 001	37.9	29.9	7.8	16.1	91.7	5.6	2.7

1/ "Total gainfully placed" includes "employed related to training," "employed not related to training," "military service" and "pursuing additional education."

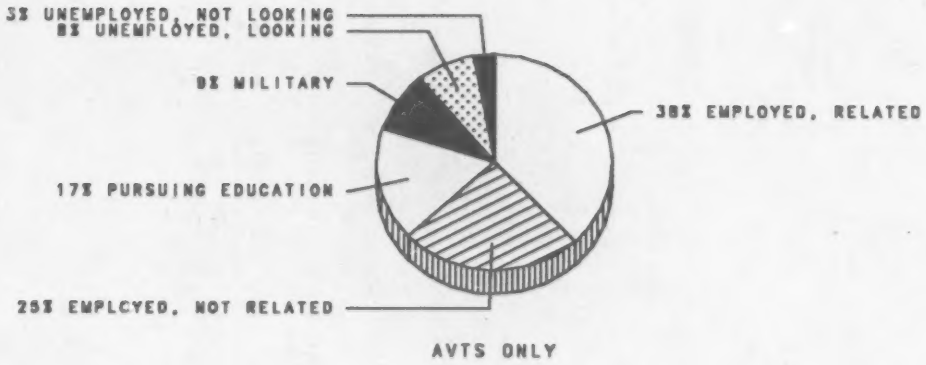
The student follow-up of secondary vocational education completers from the 1985-86 school year was conducted during the summer of 1987. The response rate for high school completers was 42.4 percent.

A student is counted in only one of the employment status categories. A student who is "pursuing additional education" and either "employed not related to training," "unemployed looking," or "unemployed not looking" is counted as "pursuing additional education." A student who is "pursuing additional education" and "employed related to training" is counted as "employed related to training"; a student who is "pursuing additional education" and "military service" is counted as "military service."

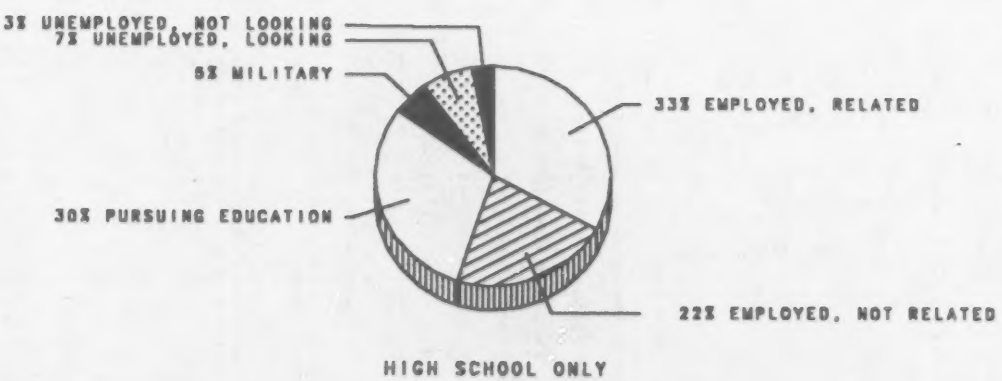
FIGURE 10
FOLLOW-UP OF VOCATIONAL EDUCATION COMPLETERS
OF APPROVED SECONDARY PROGRAMS
1985-86



TOTAL SECONDARY



AVTS ONLY



HIGH SCHOOL ONLY

TABLE 13

AVERAGE SALARY OF VOCATIONAL EDUCATION COMPLETERS OF APPROVED SECONDARY PROGRAMS BY SEX BY PROGRAM FIELD, 1985-86

	Average Hourly Salary		
	Total	Female	Male
SECONDARY	$ 5.29	$ 4.94	$ 5.78
Agriculture Education	4.90	4.10	5.09
Business Education	5.15	5.15	5.18
Health Occupations Education 1/	4.78	4.78	4.67
Marketing and Distributive Education	4.54	4.18	5.30
Occupational Home Economics Education	4.39	4.14	5.01
Technical Education	5.48	5.18	5.73
Trade and Industrial Education	5.72	4.55	5.95
Not Elsewhere Classified	5.32	4.79	5.99

1/ Less than 30 male respondents.

The average hourly salary was computed from salaries reported by student follow-up respondents employed 35 or more hours per week in a field related to their training.

TABLE 14

SECONDARY VOCATIONAL EDUCATION TEACHERS BY AGE BY PROGRAM FIELD, 1986-87

	Total	Age Groups				
		21-30	31-40	41-50	51-60	Over 60
TOTAL TEACHERS	5 908	487	1 796	1 777	1 424	424
Agriculture Education	302	67	116	77	37	5
Business Education	2 390	187	688	860	523	132
Health Occupations Education	150	7	36	46	50	11
Marketing and Distributive Education	156	8	57	42	38	11
Occupational Home Economics Education	219	17	67	54	57	24
Trade and Industrial Education	1 623	110	369	422	531	191
Not Elsewhere Classified	136	9	50	34	33	10
Consumer and Homemaking Education	932	82	413	242	155	40

FIGURE 11
SECONDARY VOCATIONAL EDUCATION TEACHERS
BY SEX BY PROGRAM FIELD
1986-87

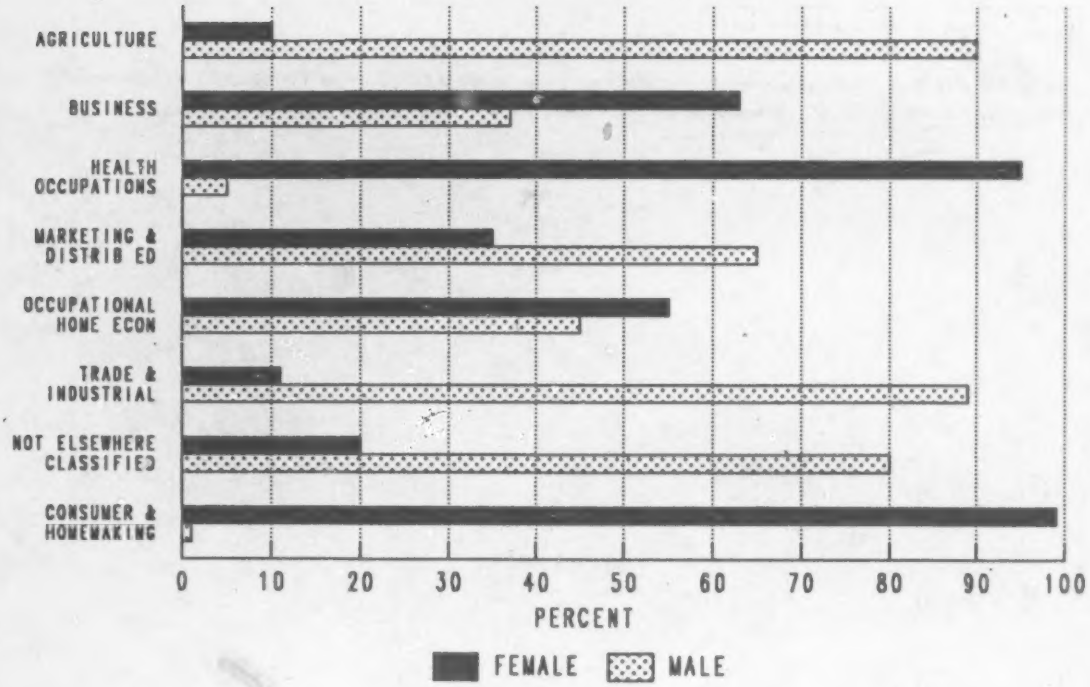


TABLE 15

SECONDARY VOCATIONAL EDUCATION TEACHERS BY EDUCATION LEVEL AND MEAN ANNUAL SALARY BY PROGRAM FIELD, 1986-87

	Total	Education Level						Mean Annual Salary
		High School or Less	College 1 to 2 Years	College 3 to 4 Years	Bachelor's Degree	Master's Degree	Doctorate	
TOTAL TEACHERS	5 908	82	682	280	2 406	2 411	47	$ 26,449
Agriculture Education	302	-	5	1	168	120	8	25,222
Business Education	2 390	-	2	2	1 149	1 219	18	27,392
Health Occupations Education	150	1	24	18	46	58	3	24,448
Marketing and Distributive Education	156	-	2	5	52	92	5	28,157
Occupational Home Economics Education	219	5	41	21	70	82	-	26,830
Trade and Industrial Education	1 623	74	590	226	231	493	9	26,627
Not Elsewhere Classified	136	1	17	7	39	71	1	26,818
Consumer and Homemaking Education	932	1	1	-	651	276	3	24,038

GLOSSARY

AMERICAN INDIAN OR ALASKAN NATIVE--A person having origins in any of the original peoples of North America, and who maintains cultural identification through tribal affiliation or community recognition.

APPROVED PROGRAM--A program certified in writing by the Pennsylvania Department of Education as meeting the state regulations and standards for vocational education.

AREA VOCATIONAL-TECHNICAL SCHOOL (AVTS)--A specialized high school used principally for providing vocational education.

ASIAN OR PACIFIC ISLANDER--A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands. The areas include, for example, China, Japan, Korea, India, the Philippine Islands, and Samoa.

BLACK, NOT OF HISPANIC ORIGIN--A person having origins in any of the black racial groups of Africa.

CAPSTONE--A cooperative education activity designed to enhance ("cap-off") the formal in-school vocational education program with a related employment experience.

COMPLETER--A student who has completed a planned sequence of courses designed to meet a vocational occupational objective.

COOPERATIVE EDUCATION--A method of providing on-the-job experience in a vocational education program. Through written arrangement between the school and employer, the student receives instruction, including required academic courses and related vocational instruction, by alternation of study in school with a job in any occupational field.

DISADVANTAGED--A student who is either academically or economically disadvantaged for reason other than handicapped.

DIVERSIFIED OCCUPATIONS--A cooperative education activity for a heterogenous group of students from more than one vocational education program or for students having a vocational career objective that cannot be met by any of the school's existing vocational programs.

HANDICAPPED--A student evaluated as being deaf, deaf/blind, hard of hearing, mentally retarded, orthopedically impaired, seriously emotionally disturbed, specific learning disabled, speech impaired, visually handicapped, or other health impaired, who because of those impairments requires special education and related services.

HISPANIC--A person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.

INCARCERATED JUVENILE--An adjudicated juvenile delinqent (under 18 years of age, with certain exceptions) in a state correctional institution for youths.

LIMITED ENGLISH PROFICIENCY--A student who is a member of a national-origin minority who does not speak and understand the English language in an instructional setting well enough to benefit from vocational studies to the same extent as a student whose primary language is English.

NOT ELSEWHERE CLASSIFIED--A single-skill or special vocational education program that cannot be classified under any of the other seven program fields.

OCCUPATIONAL--A vocational education program that prepares students for employment. Includes all vocational education reported except consumer and homemaking education.

SECONDARY--A vocational education program offered in public secondary schools, intermediate units, and correctional institutions to students in grades nine through twelve (including ungraded students in the same age group as those students in grades nine through twelve).

WHITE, NOT OF HISPANIC ORIGIN--A person having origins in any of the original peoples of Europe, North America, or the Middle East.